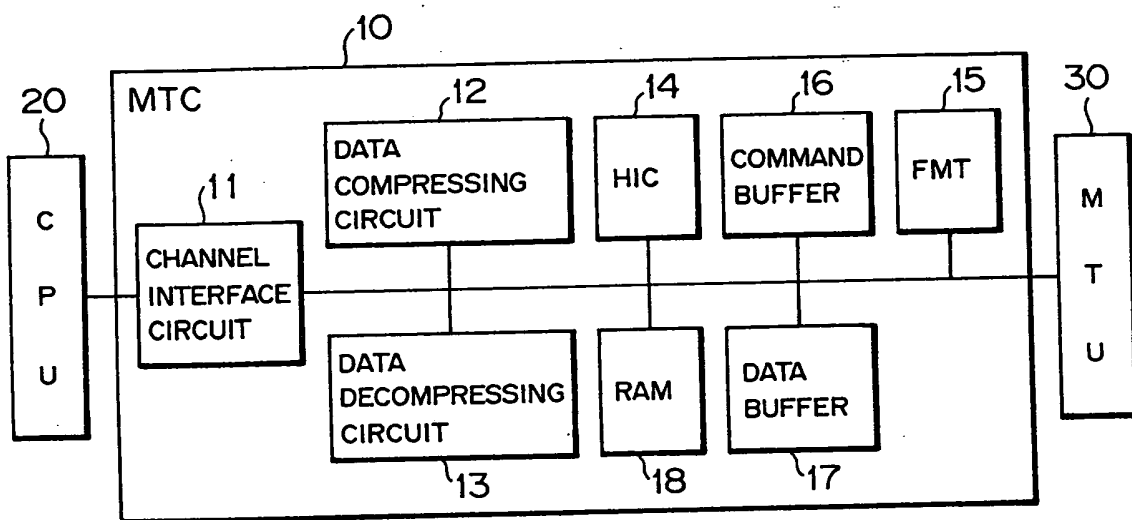
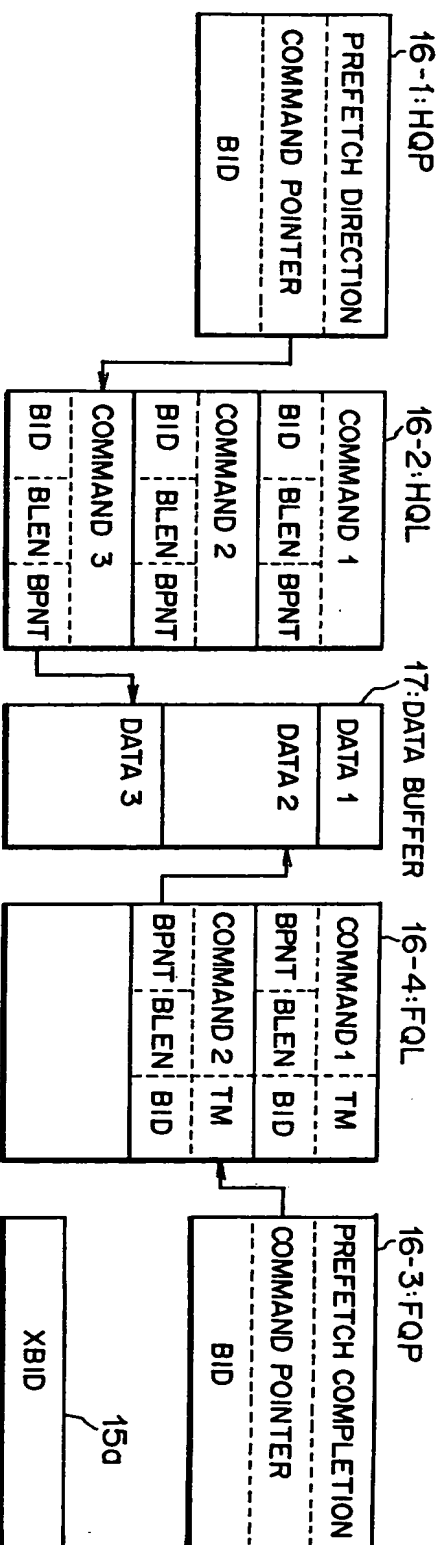




FIG. 1



# FIG. 2(A)



# FIG. 2(B)

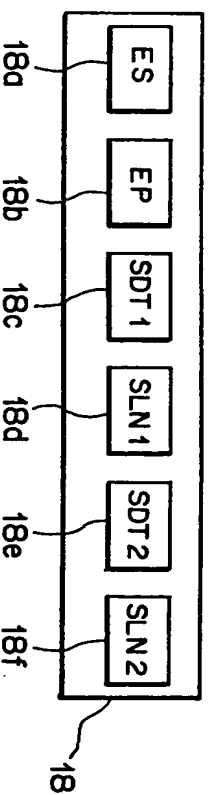


FIG. 3(A)



FIG. 3(B)

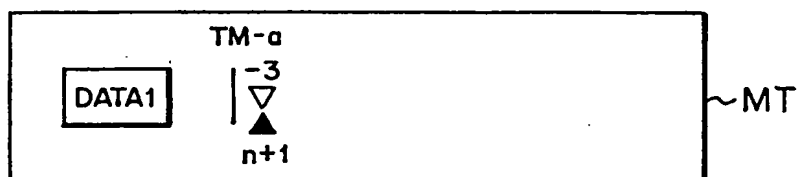


FIG. 3(C)

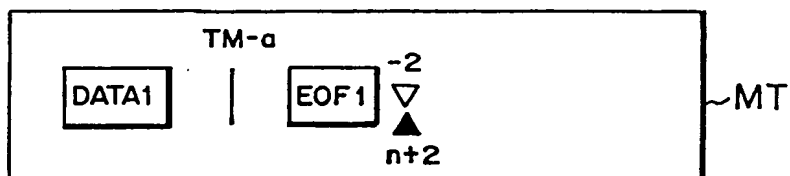


FIG. 3(D)

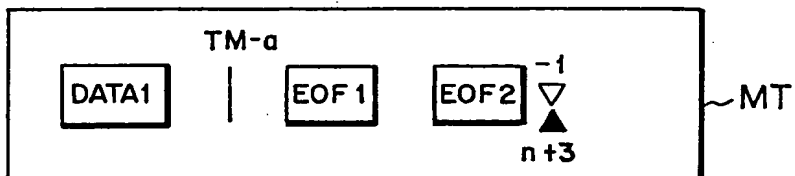


FIG. 3(E)

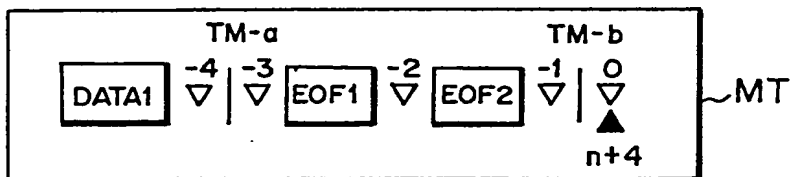


FIG. 3(F)

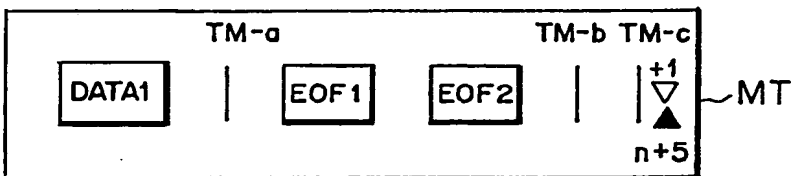


FIG. 3(G)

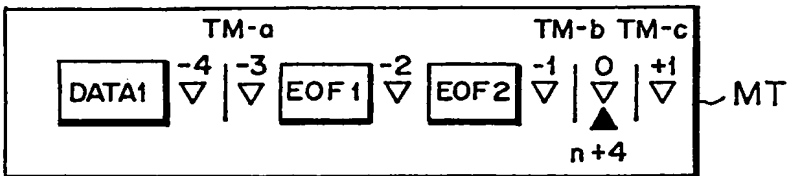
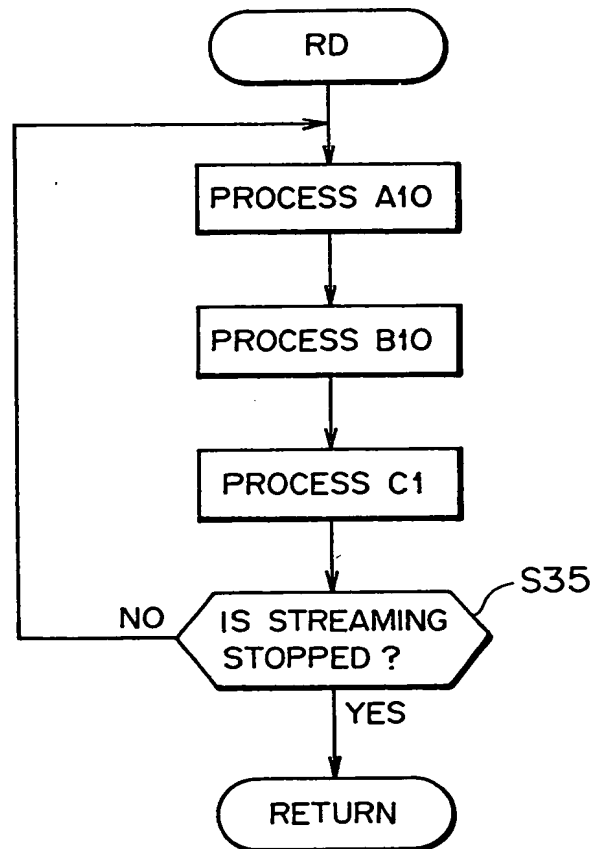


FIG. 4



# FIG. 5

PROCESS A10					PROCESS B10							PROCESS ID
CONDITIONS		RE-POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL READ	XBID+1	TM	1	-3	1	--	0	XBID	1000
					OTHERS	0	-4	0	--	LEN		1001
1	-3	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	LEN	XBID	1100
					TM	1	-3	1	--	0		1101
					OTHERS	0	-4	0	--	LEN		1102
2	-2	--	REAL READ	XBID+1	EOF	3	-1	0	SDT2←BUF ;SLN2←LEN	LEN	XBID	1200
					TM	1	-3	1	--	0		1201
					OTHERS	0	-4	0	--	LEN		1202
3	-1	--	REAL READ	XBID+1	TM	4	0	1	--	0	XBID	1300
					OTHERS	0	-4	0	--	LEN		1301
4	-4	--	EMULATE	--	--	4	-3	1	--	0	XBID + EP	1400
	-3	--	EMULATE	--	--	4	-2	0	BUF←SDT1;	SLN1		1410
	-2	--	EMULATE	--	--	4	-1	0	BUF←SDT2;	SLN2		1420
	-1	--	EMULATE	--	--	4	0	1	--	0		1430
	0	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	1440
					TM	5	+1	1	--	--		1441
					OTHERS	0	-4	0	--	--		1442
					EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--		1500
5	+1	--	REAL READ	XBID+1	TM	1	-3	1	--	--	XBID	1501
					OTHERS	0	-4	0	--	--		1502
					EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--		1500
6	-4	--	EMULATE	--	--	6	-3	1	--	0	XBID + EP	1600
	-3	--	EMULATE	--	--	6	-2	0	BUF←SDT1;	SLN1		1610
	-2	--	EMULATE	--	--	6	-1	0	BUF←SDT2;	SLN2		1620
	-1	--	EMULATE	--	--	6	0	1	--	0		1630
	0	--	EMULATE	--	--	6	+1	1	--	0		1640
	+1	XBID +EP	REAL READ	XBID+1	TM	1	-3	1	--	0	XBID	1650
					OTHERS	0	-4	0	--	LEN		1651

FIG. 6

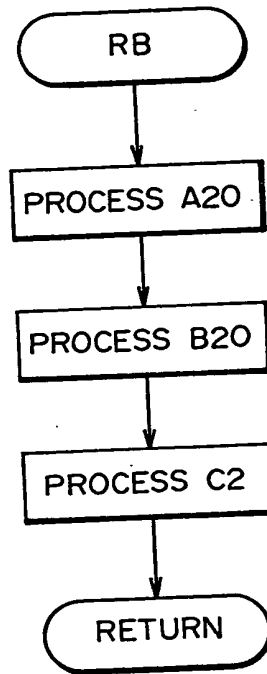
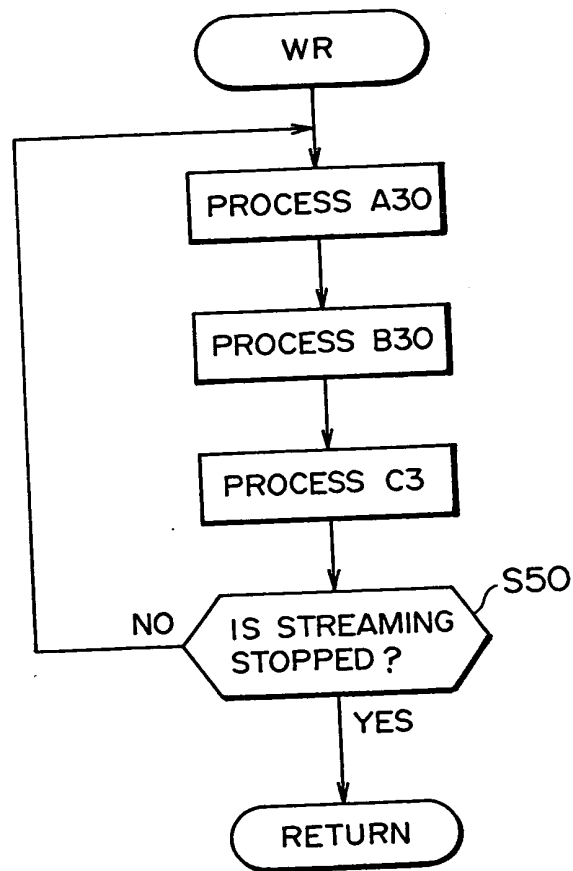


FIG. 7

PROCESS A20					PROCESS B20							PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL RB	XBID-1	TM	0	-4	1	--	0	XBID	2000
					OTHERS	0	-4	0	--	0		2001
1	-3	--	REAL RB	XBID-1	TM	0	-4	1	--	0	XBID	2100
					OTHERS	0	-4	0	--	0		2101
2	-2	--	REAL RB	XBID-1	TM	0	-4	1	--	0	XBID	2200
					OTHERS	0	-4	0	--	0		2201
3	-1	--	REAL RB	XBID-1	TM	0	-4	1	--	0	XBID	2300
					OTHERS	0	-4	0	--	0		2301
4	-4	XBID + EP	REAL RB	XBID-1	TM	0	-4	1	--	0	XBID	2400
					OTHERS	0	-4	0	--	0		2401
	-3	--	EMULATE	--	--	--	-4	1	--	0	XBID + EP	2410
	-2	--	EMULATE	--	--	--	-3	0	--	0	XBID + EP	2420
-1	--	EMULATE	--	--	--	-2	0	--	0	XBID + EP	2430	
0	--	EMULATE	--	--	--	-1	1	--	0	XBID	2440	
5	+1	--	REAL RB	XBID-1	--	6	0	1	--	0	XBID	2500
6	-4	XBID + EP	REAL RB	XBID-1	TM	0	-4	1	--	0	XBID	2600
					OTHERS	0	-4	0	--	0		2601
	-3	--	EMULATE	--	--	--	-4	1	--	0	XBID + EP	2610
	-2	--	EMULATE	--	--	--	-3	0	--	0	XBID + EP	2620
-1	--	EMULATE	--	--	--	-2	0	--	0	XBID + EP	2630	
0	--	EMULATE	--	--	--	-1	1	--	0	XBID + EP	2640	
+1	--	EMULATE	--	--	--	0	1	--	0	XBID + EP	2650	

FIG. 8

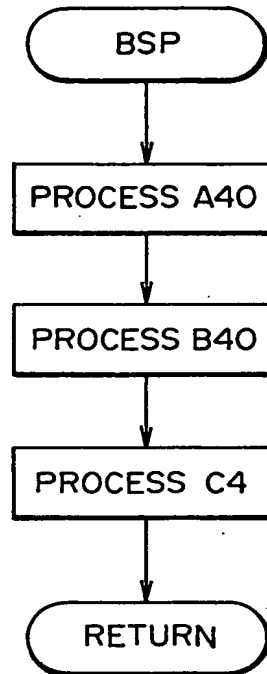




# FIG. 9

PROCESS A30					PROCESS B30								PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID		
ES	EP												
0	-4	--	REAL WR	XBID+1	--	0	-4	--	--	LEN	XBID	3000	
1	-3	--	REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3100	
					OTHERS	0	-4	--	--	LEN		3101	
2	-2	--	REAL WR	XBID+1	EOF	3	-1	--	SDT2←BUF ;SLN2←LEN	LEN	XBID	3200	
					OTHERS	0	-4	--	--	LEN		3201	
3	-1	--	REAL WR	XBID+1	--	0	-4	--	--	LEN	XBID	3300	
4	-4	XBID + EP	REAL WR	XBID+1	--	0	-4	--	--	LEN	XBID	3400	
	-3		REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3410	
					OTHERS	0	-4	--	--	LEN		3411	
	-2		REAL WR	XBID+1	EOF	3	-1	--	SDT2←BUF ;SLN2←LEN	LEN	XBID	3420	
					OTHERS	0	-4	--	--	LEN		3421	
	-1		REAL WR	XBID+1	--	0	-4	--	--	LEN	XBID	3430	
	0	--	REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3140	
					OTHERS	0	-4	--	--	LEN		3141	
5	+1	--	REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3500	
					OTHERS	0	-4	--	--	LEN		3501	
6	-4	XBID + EP	REAL WR	XBID+1	--	0	-4	--	--	LEN	XBID	3600	
	-3		REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3610	
					OTHERS	0	-4	--	--	LEN		3611	
	-2		REAL WR	XBID+1	EOF	3	-1	--	SDT2←BUF ;SLN2←LEN	LEN	XBID	3620	
					OTHERS	0	-4	--	--	LEN		3621	
	-1		REAL WR	XBID+1	--	0	-4	--	--	LEN	XBID	3630	
	0	--	REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3640	
					OTHERS	0	-4	--	--	LEN		3641	
	+1	XBID + EP	REAL WR	XBID+1	EOF	2	-2	--	SDT1←BUF ;SLN1←LEN	LEN	XBID	3650	
					OTHERS	0	-4	--	--	LEN		3651	

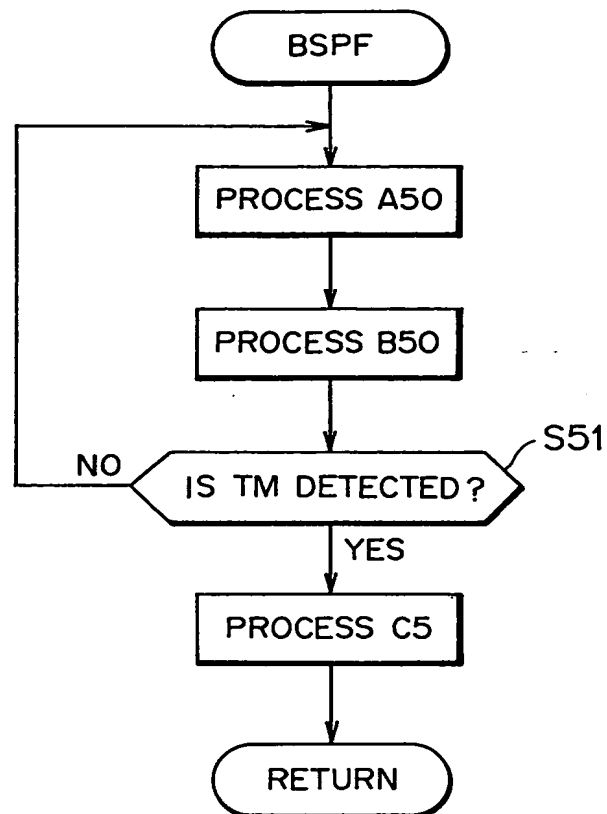
**FIG. 10**



# FIG. 11

PROCESS A40					PROCESS B40							PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4000
1	-3	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4100
2	-2	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4200
3	-1	--	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4300
4	-4	XBID + EP	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4400
	-3	--	EMULATE	--	--	4	-4	1	--	0	XBID + EP	4410
	-2	--	EMULATE	--	--	4	-3	0	--	0		4420
	-1	--	EMULATE	--	--	4	-2	0	--	0		4430
	0	--	EMULATE	--	--	4	-1	1	--	0		4440
5	+1	--	REAL BSP	XBID-1	--	6	0	1	--	0	XBID	4500
6	-4	XBID + EP	REAL BSP	XBID-1	--	0	-4	0	--	0	XBID	4600
	-3	--	EMULATE	--	--	4	-4	1	--	0	XBID + EP	4610
	-2	--	EMULATE	--	--	4	-3	0	--	0		4620
	-1	--	EMULATE	--	--	4	-2	0	--	0		4630
	0	--	EMULATE	--	--	4	-1	1	--	0		4640
	+1	--	EMULATE	--	--	4	0	1	--	0		4650

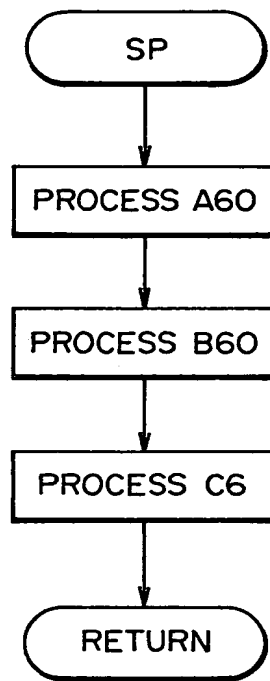
FIG.12



# FIG. 13

PROCESS A50					PROCESS B50							PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5000
1	-3	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5100
2	-2	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5200
3	-1	--	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5300
4	-4	XBID + EP	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5400
	-3	--	EMULATE	--	--	4	-4	--	--	--	XBID + EP	5410
	-2	--	EMULATE	--	--	4	-3	--	--	--		5420
	-1	--	EMULATE	--	--	4	-2	--	--	--		5430
	0	--	EMULATE	--	--	4	-1	--	--	--		5440
5	+1	--	REAL BACK SPACE	XBID-1	--	6	0	--	--	--	XBID	5500
6	-4	XBID + EP	REAL BACK SPACE	XBID-1	--	0	-4	--	--	--	XBID	5600
	-3	--	EMULATE	--	--	6	-4	--	--	--	XBID + EP	5610
	-2	--	EMULATE	--	--	6	-3	--	--	--		5620
	-1	--	EMULATE	--	--	6	-2	--	--	--		5630
	0	--	EMULATE	--	--	6	-1	--	--	--		5640
	+1	--	EMULATE	--	--	6	0	--	--	--		5650

FIG. 14



# FIG. 15

PROCESS A60					PROCESS B60							PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL READ	XBID+1	TM	1	-3	1	--	--	XBID	6000
					OTHERS	0	-4	0	--	--		6001
1	-3	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	6100
					TM	1	-3	1	--	--		6101
					OTHERS	0	-4	0	--	--		6102
2	-2	--	REAL READ	XBID+1	EOF	3	-1	0	SDT2←BUF ;SLN2←LEN	--	XBID	6200
					TM	1	-3	1	--	--		6201
					OTHERS	0	-4	0	--	--		6202
3	-1	--	REAL READ	XBID+1	TM	4	0	1	--	--	XBID	6300
					OTHERS	0	-4	0	--	--		6301
4	-4	--	EMULATE	--	--	4	-3	1	--	--	XBID + EP	6400
	-3	--	EMULATE	--	--	4	-2	0	--	--		6410
	-2	--	EMULATE	--	--	4	-1	0	--	--		6420
	-1	--	EMULATE	--	--	4	0	1	--	--		6430
	0	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	6440
					TM	5	+1	1	--	--		6441
					OTHERS	0	-4	0	--	--		6442
5	+1	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	6500
					TM	1	-3	1	--	--		6501
					OTHERS	0	-4	0	--	--		6502
6	-4	--	EMULATE	--	--	6	-3	1	--	--	XBID + EP	6600
	-3	--	EMULATE	--	--	6	-2	0	--	--		6610
	-2	--	EMULATE	--	--	6	-1	0	--	--		6620
	-1	--	EMULATE	--	--	6	0	1	--	--		6630
	0	--	EMULATE	--	--	6	+1	1	--	--		6640
	+1	XBID +EP	REAL READ	XBID+1	TM	1	-3	1	--	--	XBID	6650
					OTHERS	0	-4	0	--	--		6651

FIG. 16

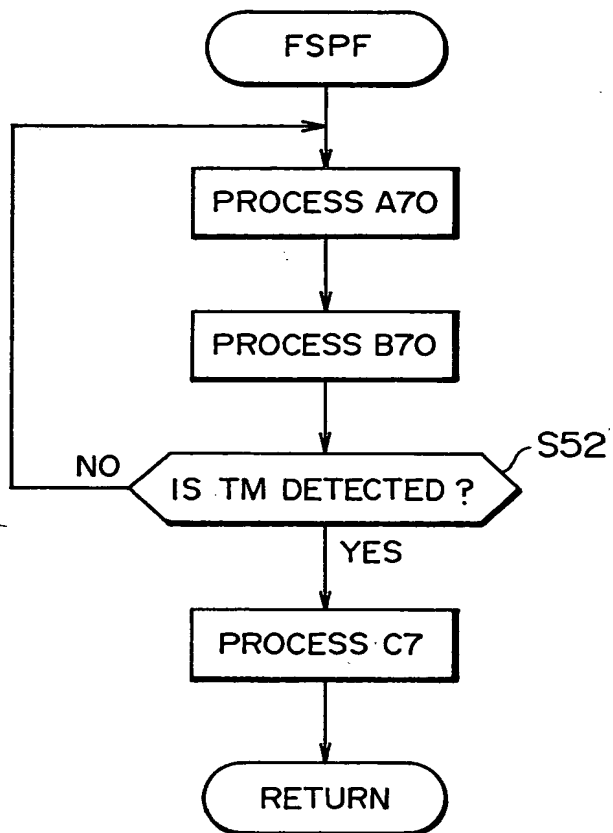
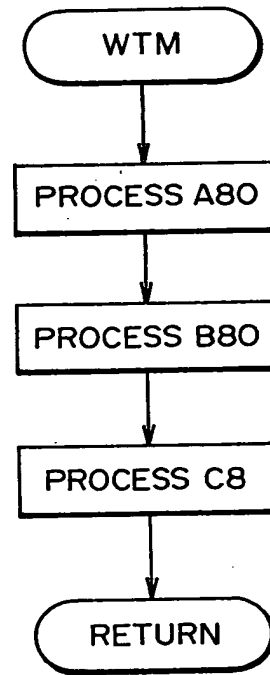




FIG. 17

PROCESS A70					PROCESS B70							PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL READ	XBID+1	TM	1	-3	1	--	--	XBID	7000
					OTHERS	0	-4	0	--	--		7001
1	-3	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	7100
					TM	1	-3	1	--	--		7101
					OTHERS	0	-4	0	--	--		7102
2	-2	--	REAL READ	XBID+1	EOF	3	-1	0	SDT2←BUF ;SLN2←LEN	--	XBID	7200
					TM	1	-3	1	--	--		7201
					OTHERS	0	-4	0	--	--		7202
3	-1	--	REAL READ	XBID+1	TM	4	0	1	--	--	XBID	7300
					OTHERS	0	-4	0	--	--		7301
4	-4	--	EMULATE	--	--	4	-3	1	--	--	XBID + EP	7400
	-3	--	EMULATE	--	--	4	-2	0	--	--		7410
	-2	--	EMULATE	--	--	4	-1	0	--	--		7420
	-1	--	EMULATE	--	--	4	0	1	--	--		7430
	0	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	7440
					TM	5	+1	1	--	--		7441
					OTHERS	0	-4	0	--	--		7442
5	+1	--	REAL READ	XBID+1	EOF	2	-2	0	SDT1←BUF ;SLN1←LEN	--	XBID	7500
					TM	1	-3	1	--	--		7501
					OTHERS	0	-4	0	--	--		7502
6	-4	--	EMULATE	--	--	6	-3	1	--	--	XBID + EP	7600
	-3	--	EMULATE	--	--	6	-2	0	--	--		7610
	-2	--	EMULATE	--	--	6	-1	0	--	--		7620
	-1	--	EMULATE	--	--	6	0	1	--	--		7630
	0	--	EMULATE	--	--	6	+1	1	--	--		7640
	+1	XBID +EP	REAL READ	XBID+1	TM	1	-3	1	--	--	XBID	7650
					OTHERS	0	-4	0	--	--		7651

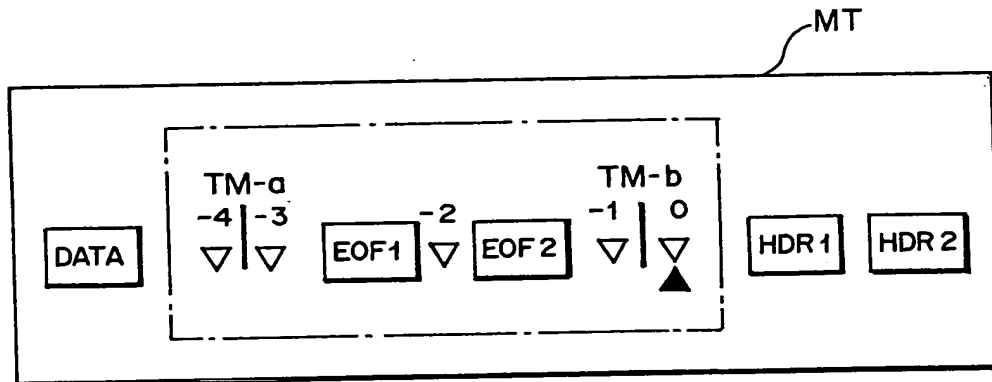
FIG. 18



# FIG. 19

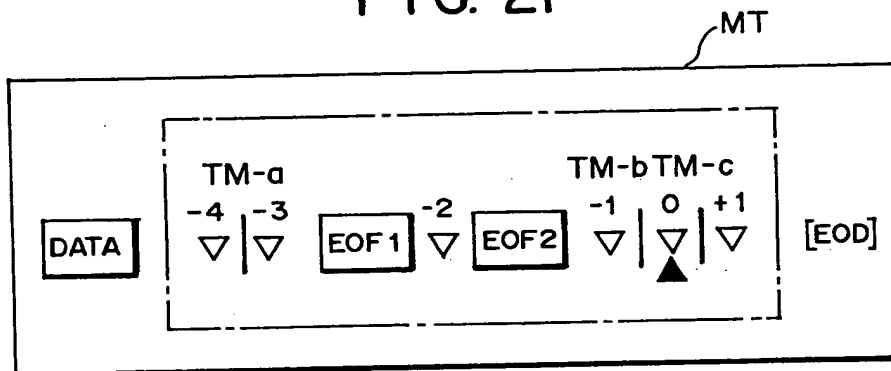
PROCESS A80					PROCESS B80							PROCESS ID
CONDITIONS		RE- POSITION	OPERATION	UPDATE XBID	CONDITIONS	UPDATE ES	UPDATE EP	TM FLAG	SAVE AREA PROCESS	BLEN	BID	
ES	EP											
0	-4	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8000
1	-3	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8100
2	-2	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8200
3	-1	--	REAL WTM	XBID+1	--	4	0	1	--	0	XBID	8300
4	-4	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8400
	-3	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8410
	-2		REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8420
	-1	--	EMULATE	--	--	4	0	1	--	0	XBID + EP	8430
	0	--	REAL WTM	XBID+1	--	5	+1	1	--	0	XBID	8440
5	+1	--	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8500
6	-4	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8600
	-3	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8610
	-2		REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8620
	-1	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8630
	0	--	EMULATE	--	--	6	+1	1	--	0	XBID + EP	8640
	+1	XBID + EP	REAL WTM	XBID+1	--	1	-3	1	--	0	XBID	8650

# FIG. 20



EMULATE IF RB, BPS OR BSPF IS EXECUTED WHEN ES=4 AND EP=0  
 EMULATE IF RD, RB, BSP, BSPF, SP, FSPF OR WTM IS EXECUTED WHEN ES=4 AND EP=-1  
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=4 AND EP=-2  
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=4 AND EP=-3  
 EMULATE IF RD, SP OR FSPF IS EXECUTED WHEN ES=4 AND EP=-4

# FIG. 21



EMULATE IF RB, BSP OR BSPF IS EXECUTED WHEN ES=6 AND EP=+1  
 EMULATE IF RD, RB, BSP, BSPF, SP FSPF OR WTM IS EXECUTED WHEN ES=6 AND EP=0  
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-1  
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-2  
 EMULATE IF RD, RB, BSP, BSPF, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-3  
 EMULATE IF RD, SP OR FSPF IS EXECUTED WHEN ES=6 AND EP=-4

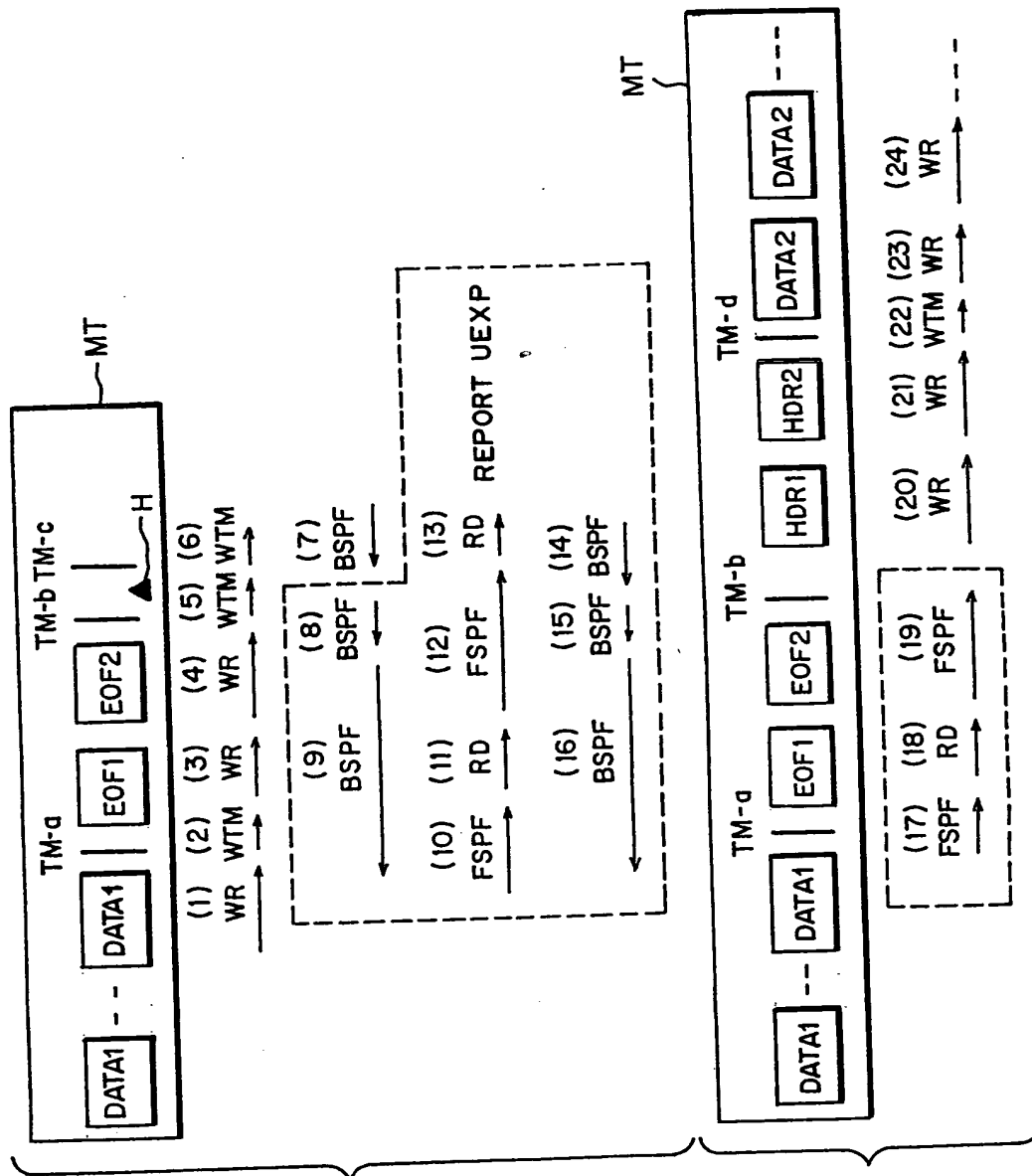


FIG. 23(A)

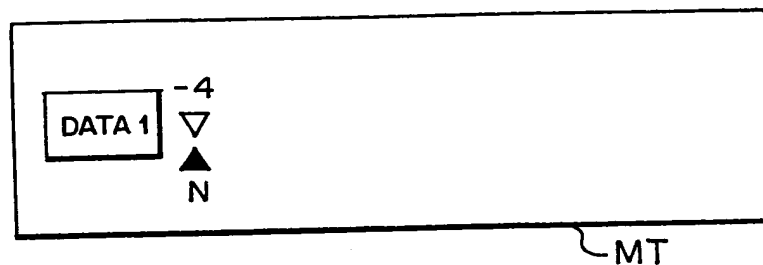


FIG. 23(B)

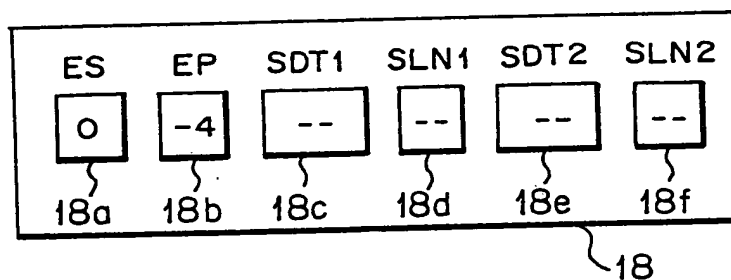


FIG. 24(A)

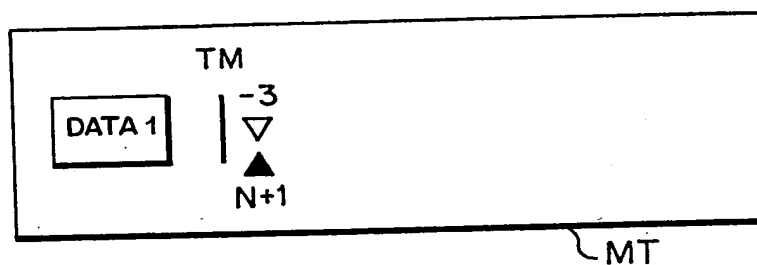


FIG. 24(B)

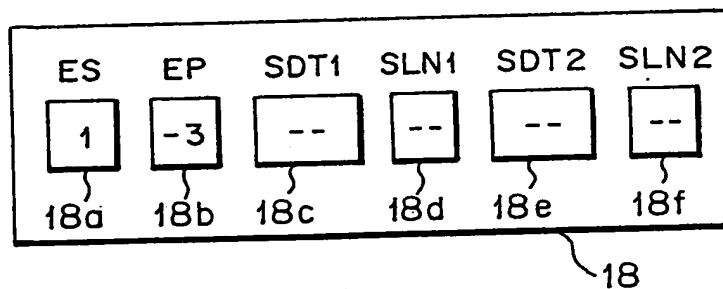


FIG. 25(A)

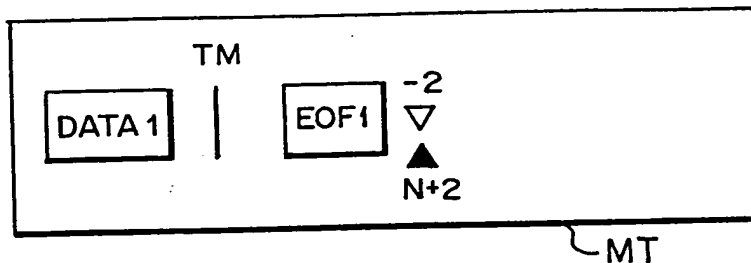


FIG. 25(B)

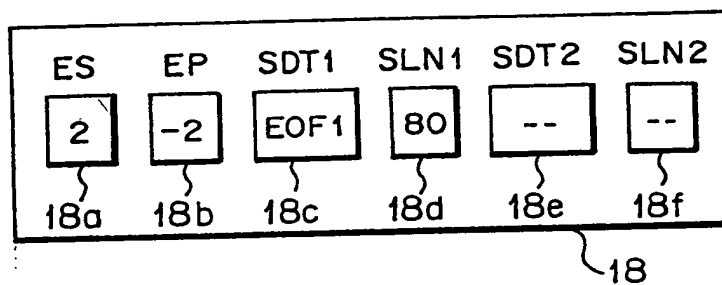


FIG. 26(A)

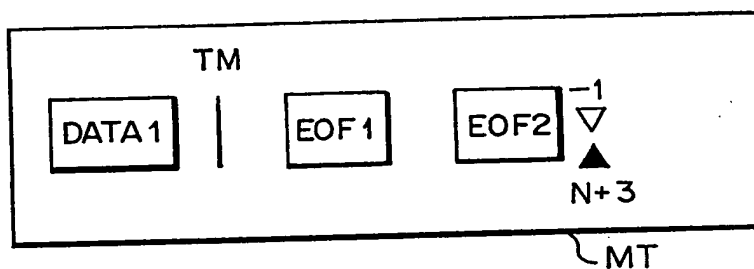


FIG. 26(B)

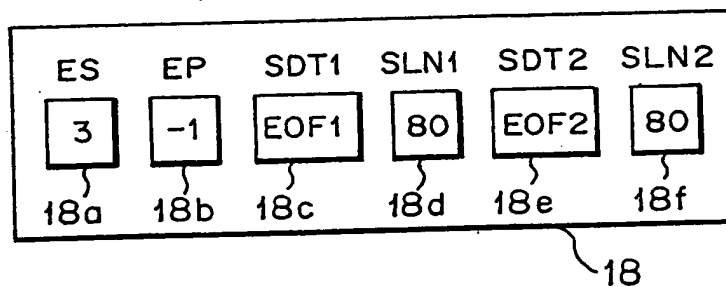


FIG. 27(A)

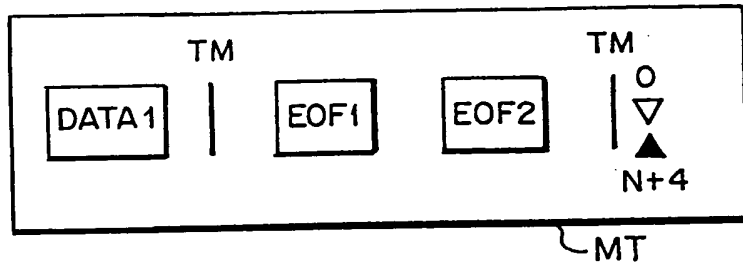


FIG. 27(B)

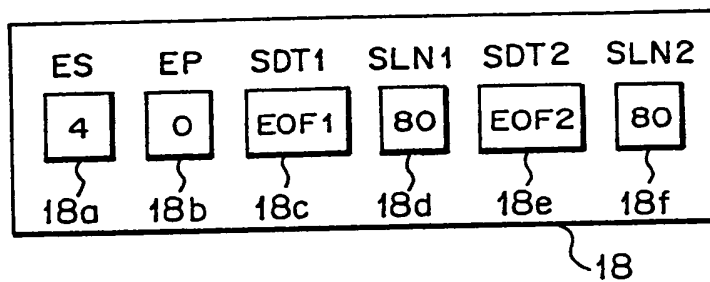


FIG. 28(A)

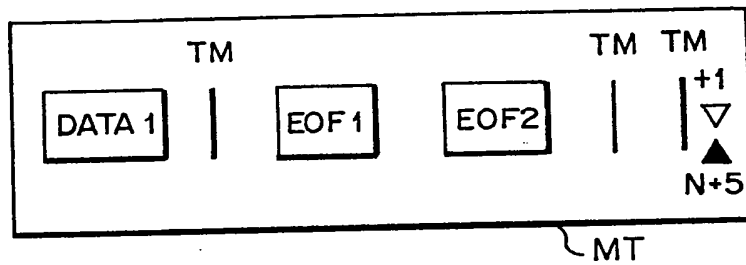


FIG. 28(B)

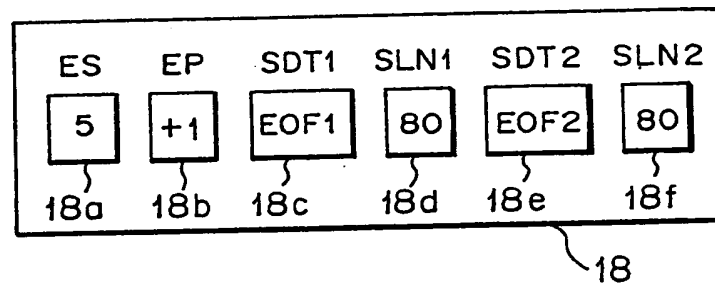




FIG. 29(A)

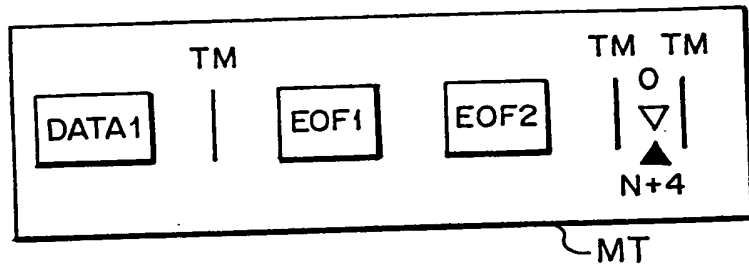


FIG. 29(B)

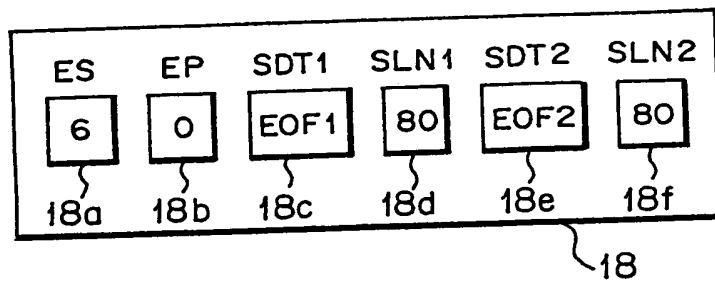


FIG. 30(A)

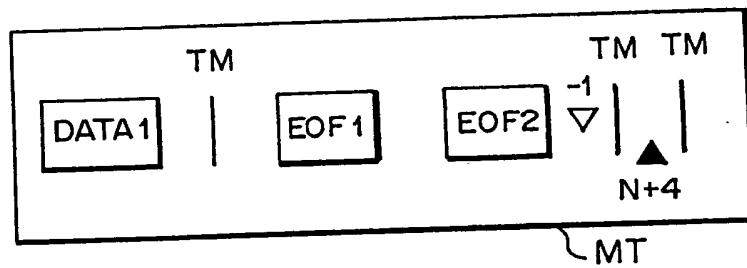


FIG. 30(B)

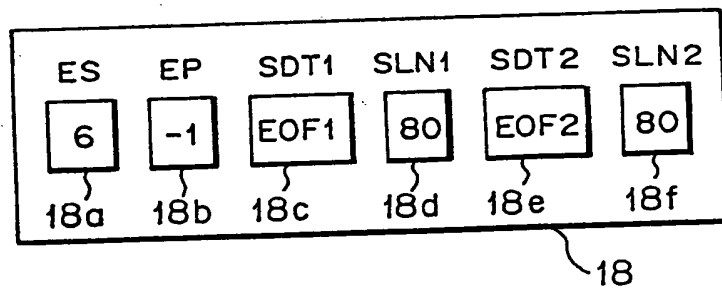


FIG. 31(A)

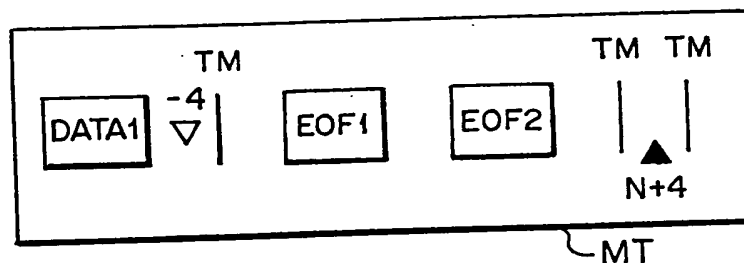


FIG. 31(B)

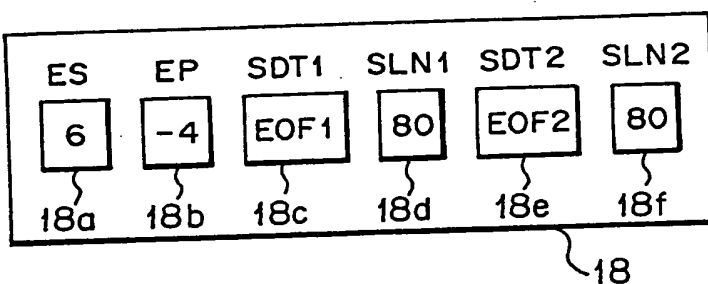


FIG. 32(A)

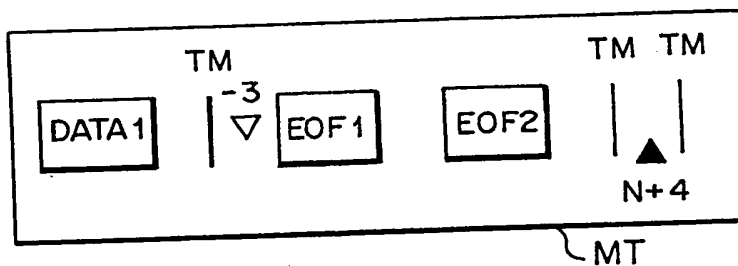


FIG. 32(B)

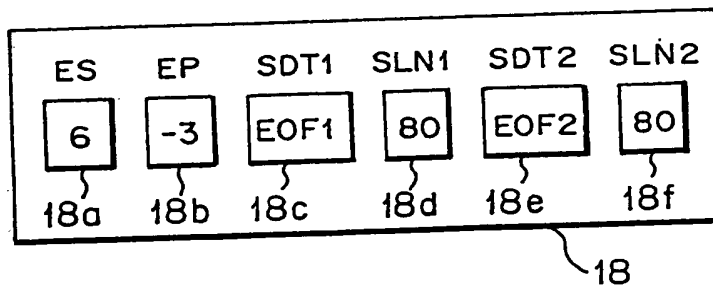


FIG. 33(A)

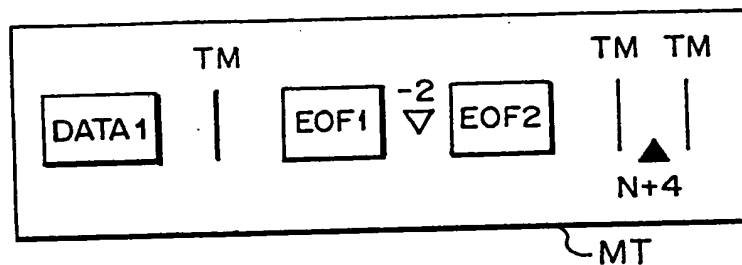


FIG. 33(B)

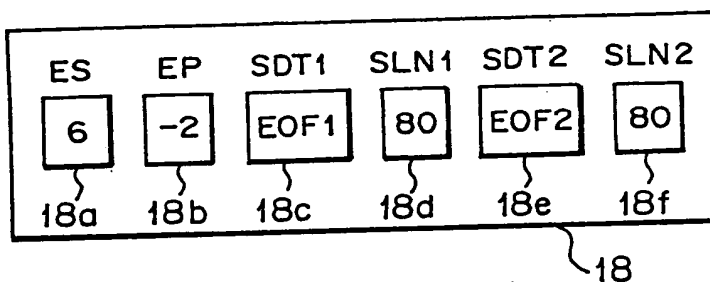


FIG. 34(A)

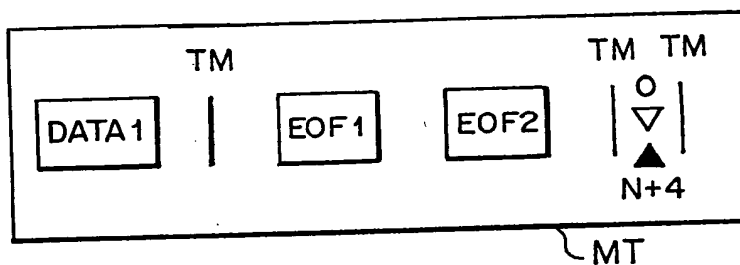


FIG. 34(B)

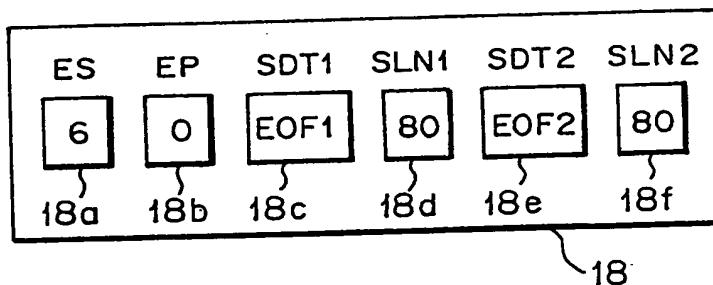


FIG. 35(A)

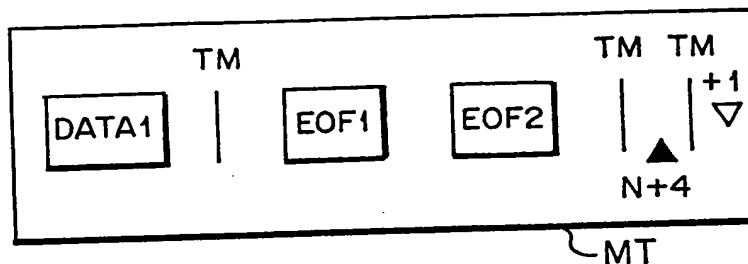


FIG. 35(B)

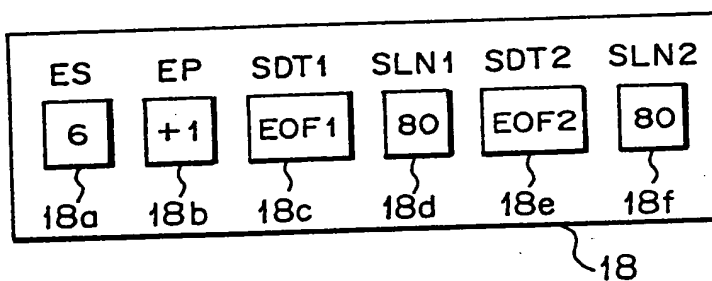


FIG. 36(A)

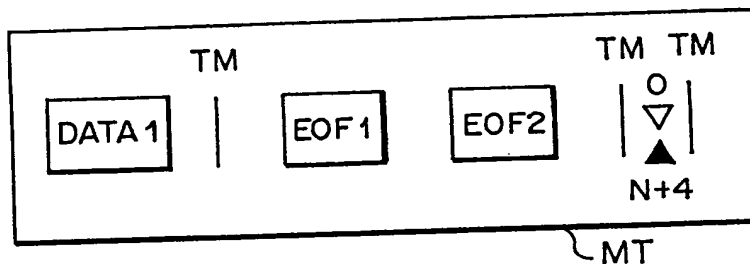


FIG. 36(B)

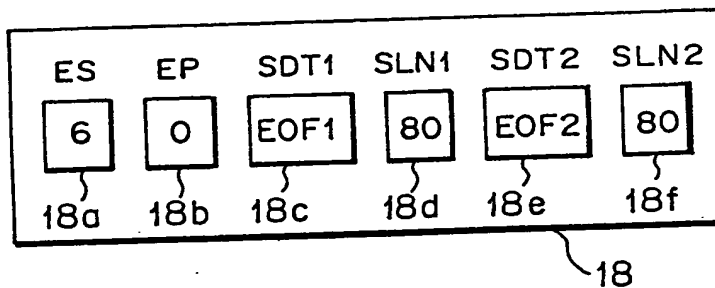


FIG. 37(A)

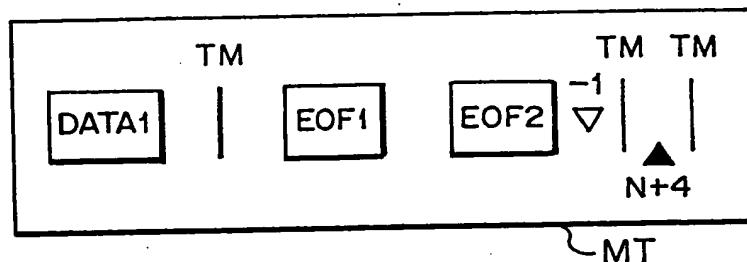


FIG. 37(B)

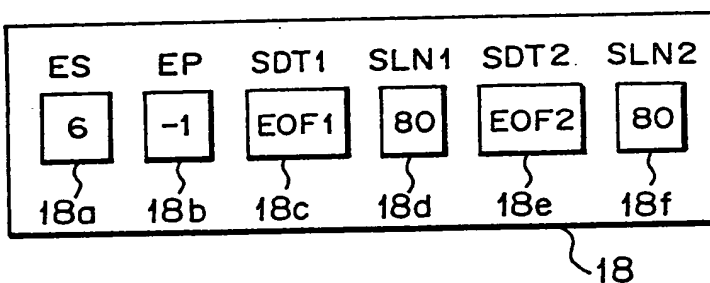


FIG. 38(A)

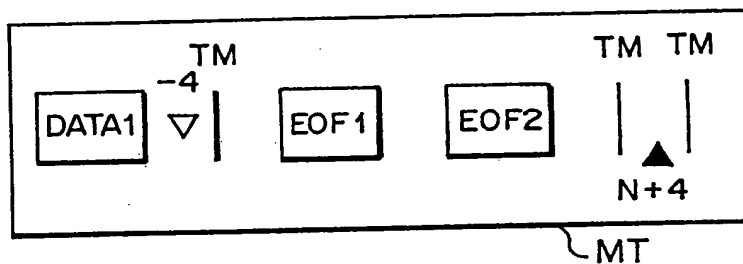


FIG. 38(B)

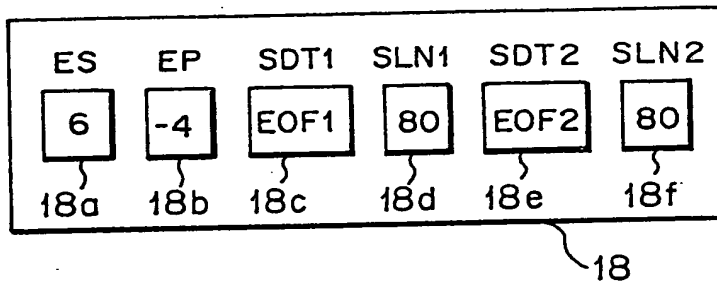


FIG. 39(A)

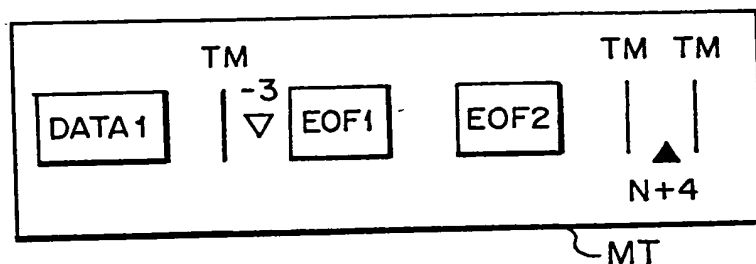


FIG. 39(B)

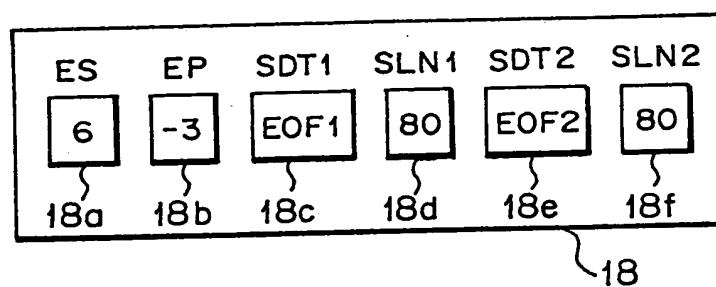


FIG. 40(A)

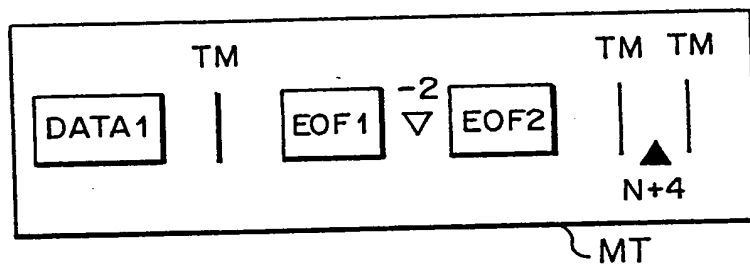


FIG. 40(B)

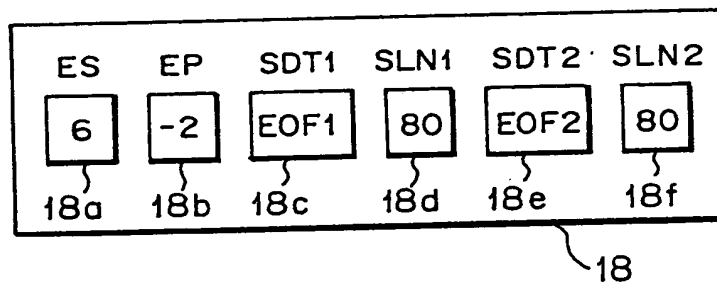


FIG. 41(A)

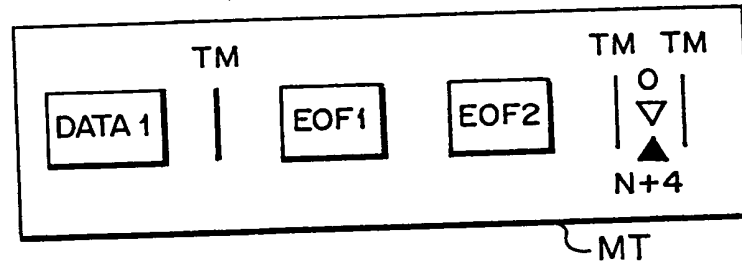


FIG. 41(B)

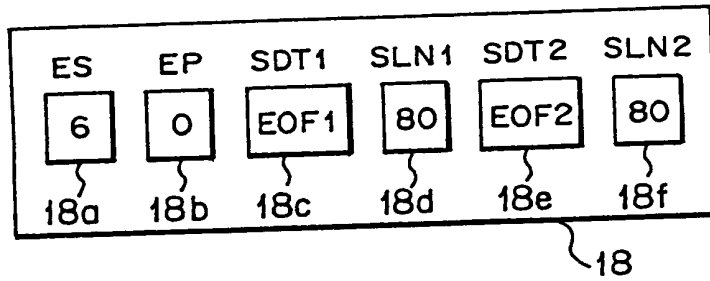


FIG. 42(A)

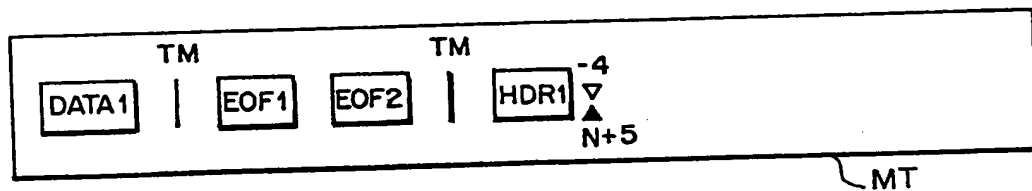


FIG. 42(B)

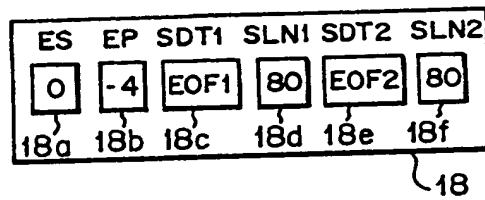


FIG. 43(A)

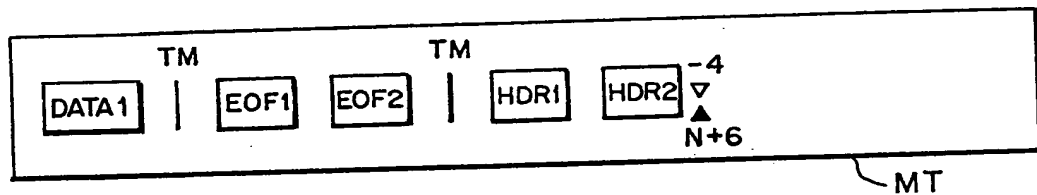


FIG. 43(B)

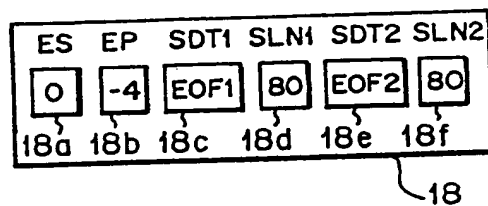




FIG. 44(A)

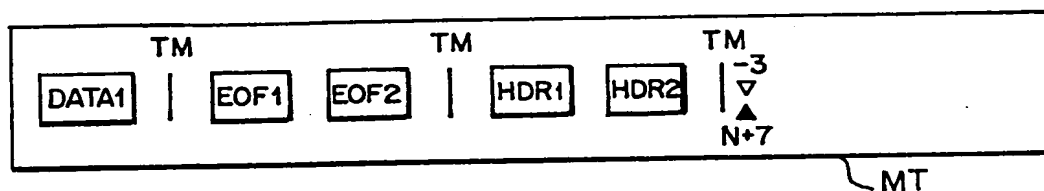


FIG. 44(B)

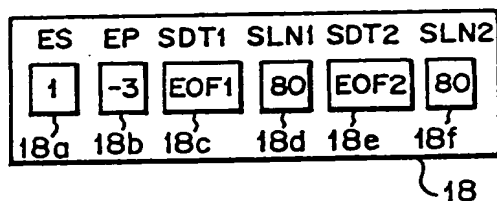


FIG. 45(A)

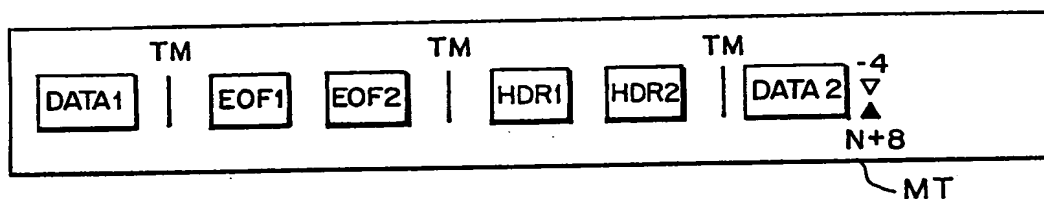


FIG. 45(B)

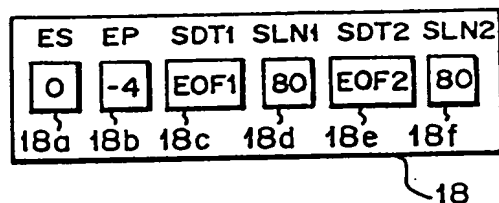


FIG. 46(A)

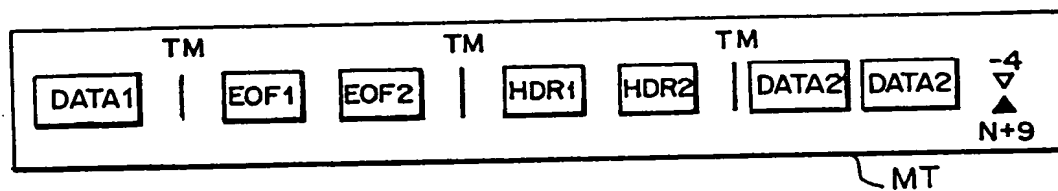


FIG. 46(B)

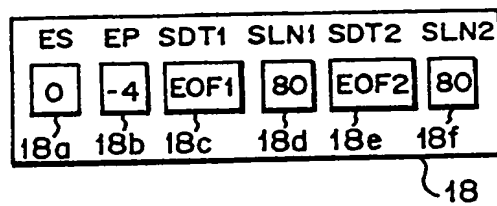


FIG. 47

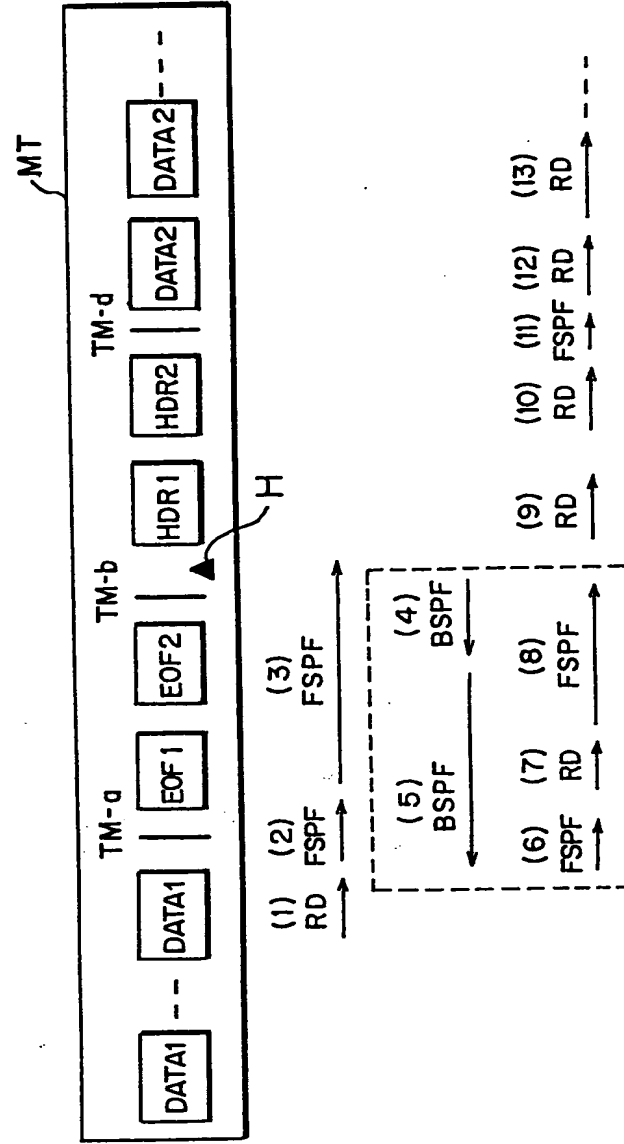


FIG. 48(A)

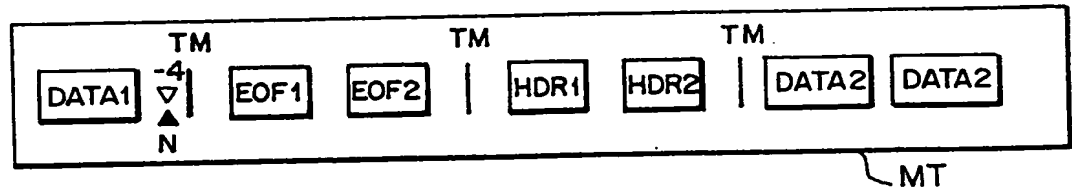


FIG. 48(B)

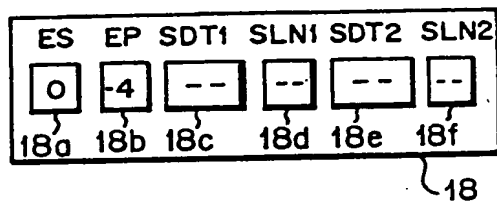


FIG. 49(A)

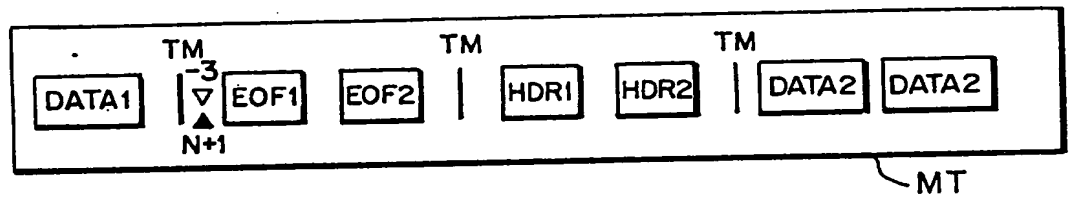


FIG. 49(B)

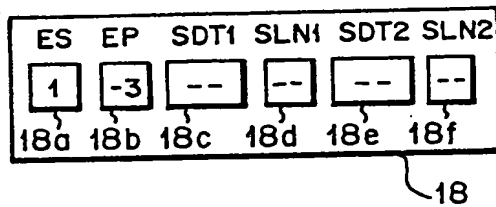


FIG. 50(A)

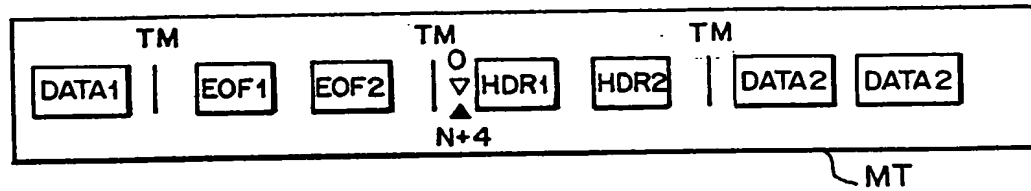


FIG. 50(B)

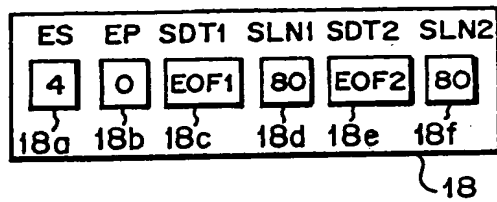


FIG. 51(A)

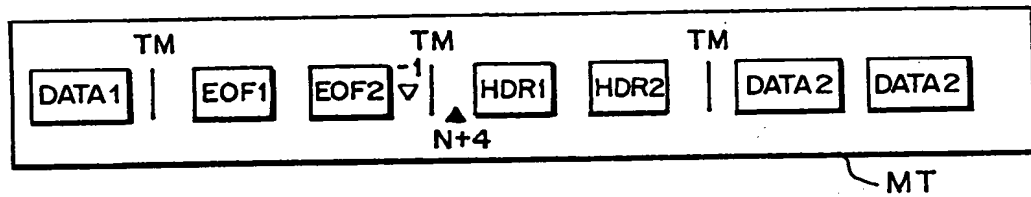


FIG. 51(B)

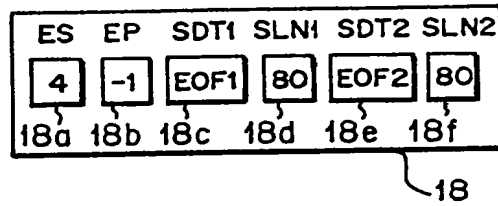


FIG. 52(A)

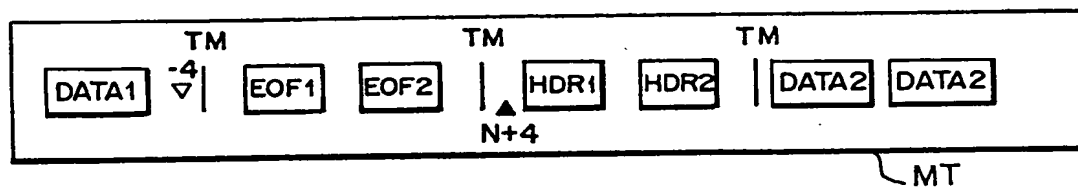


FIG. 52(B)

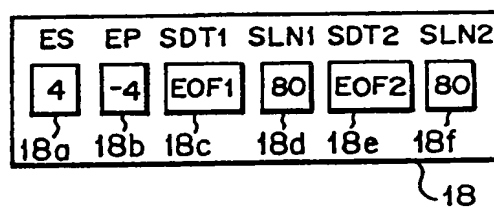


FIG. 53(A)

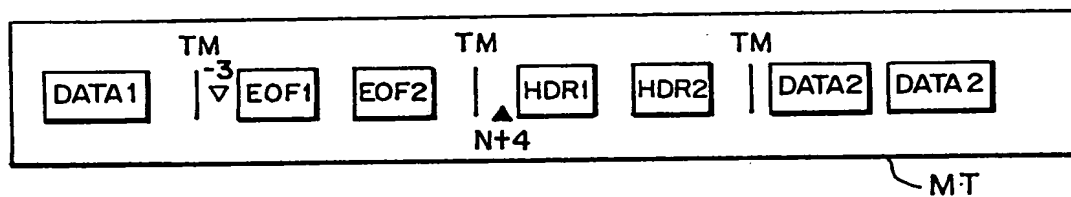


FIG. 53(B)

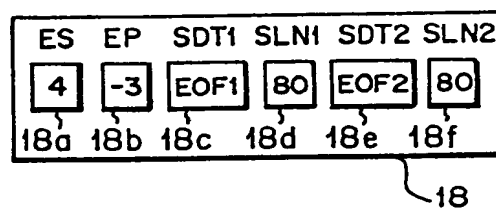


FIG. 54(A)

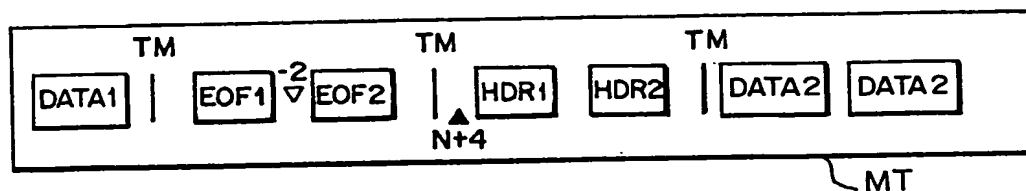


FIG. 54(B)

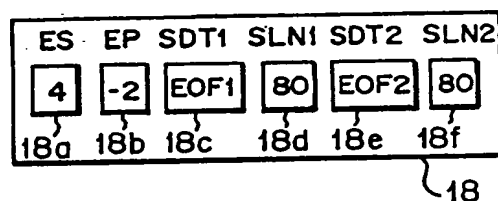


FIG. 55(A)

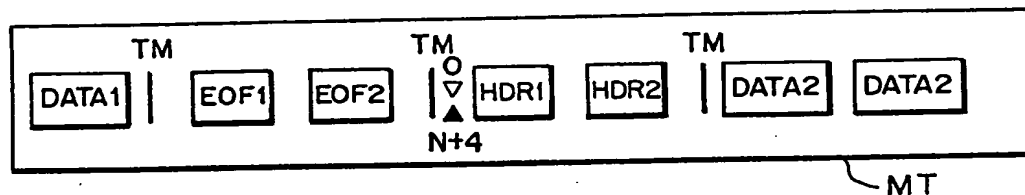


FIG. 55(B)

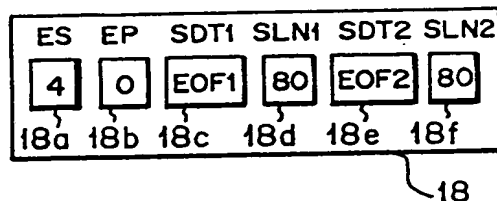


FIG. 56(A)

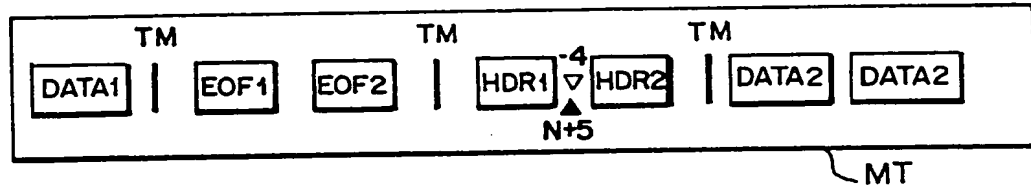


FIG. 56(B)

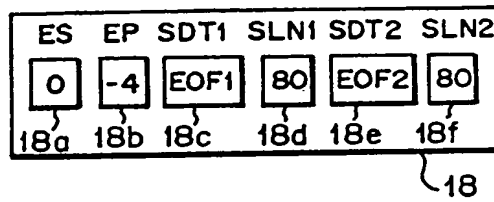


FIG. 57(A)

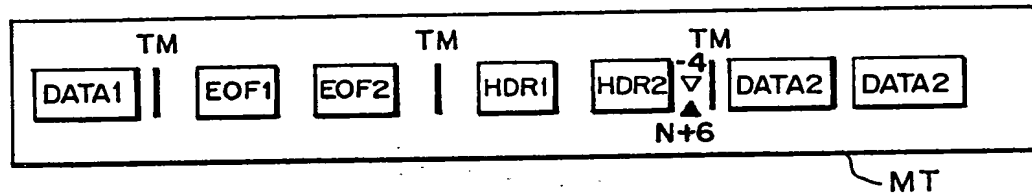


FIG. 57(B)

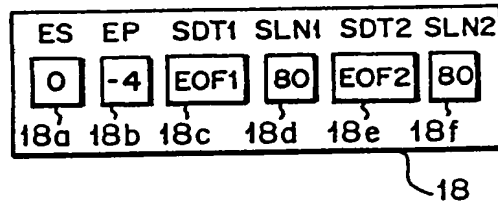




FIG. 58(A)

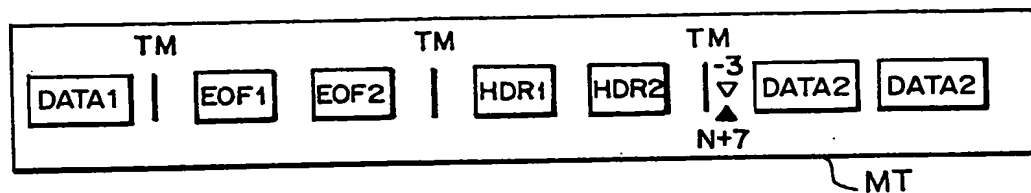


FIG. 58(B)

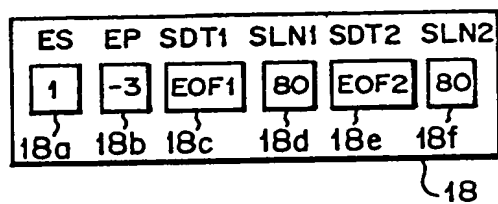


FIG. 59(A)

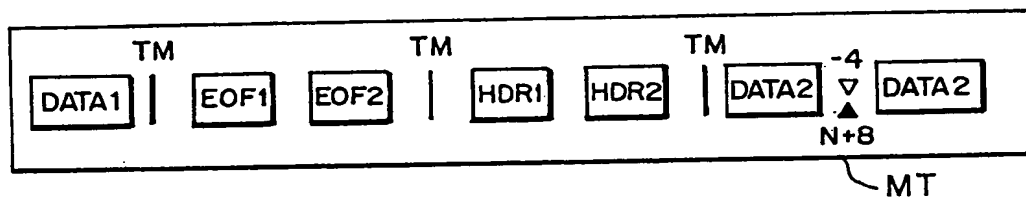


FIG. 59(B)

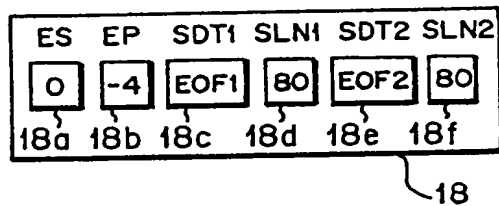


FIG. 60(A)

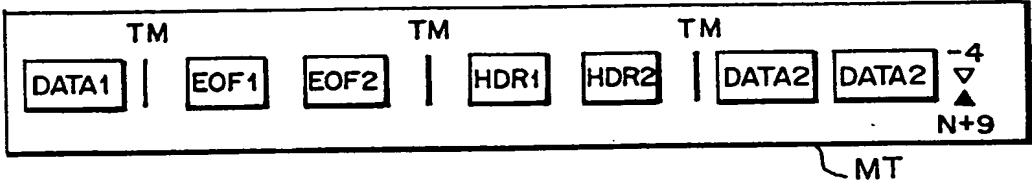
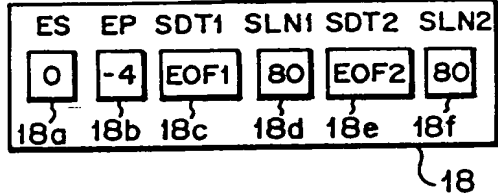


FIG. 60(B)



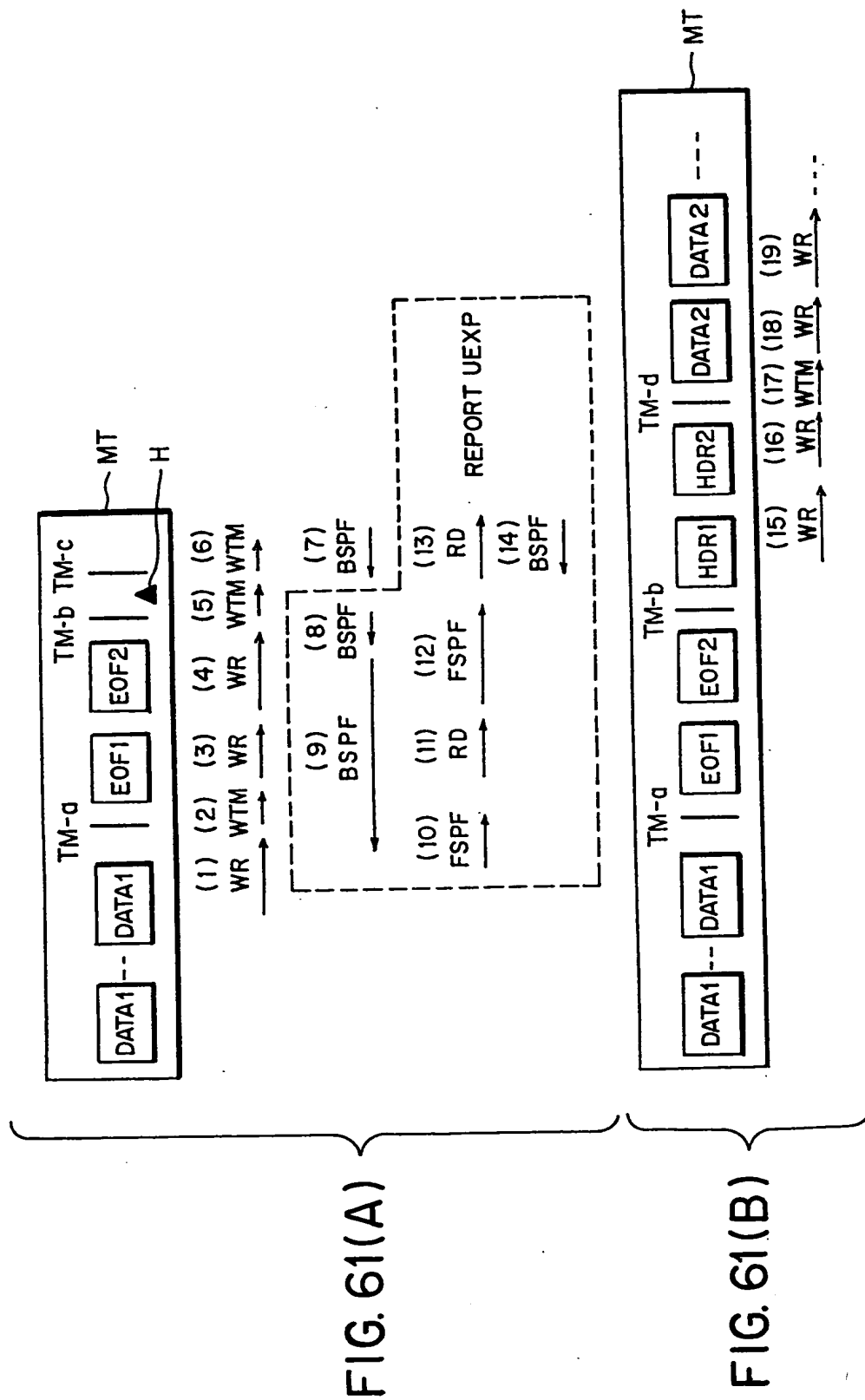
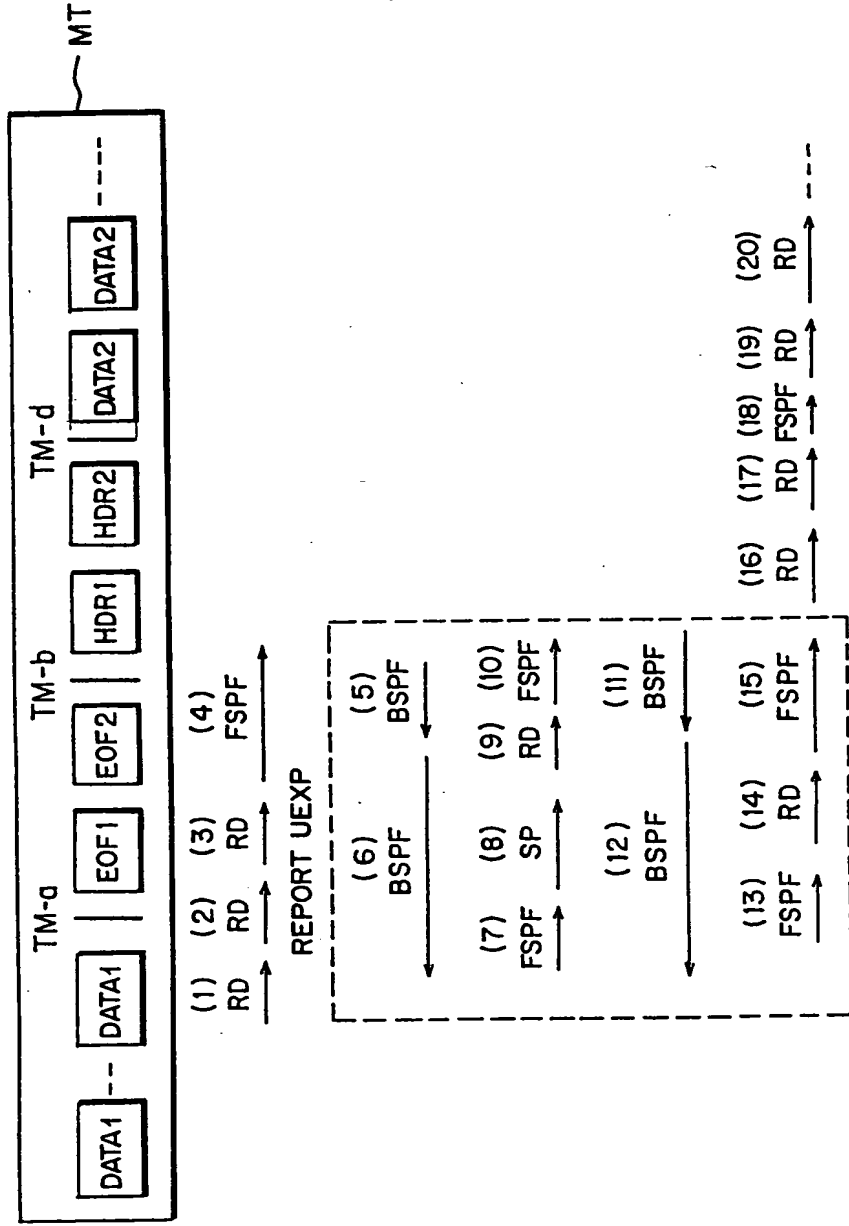


FIG. 62



# FIG.63

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000731	0. 000731	(1)
WTM	0. 713581	0. 713581	(2)
WR	0. 003502	0. 003502	(3)
WR	0. 000641	0. 000641	(4)
WTM	0. 596851	0. 596851	(5)
WTM	0. 298012	0. 298012	(6)
BSPF	0. 000548	0. 000548	(7)
NOP	0. 460880	0. 460880	
LDSP	0. 000521	0. 000521	
LDSP	0. 000469	0. 000469	
LDSP	0. 000493	0. 000493	
NOP	0. 000524	0. 000524	
SNIO	0. 002945	0. 002945	
RDVC	0. 000580	0. 000580	
NOP	0. 000529	0. 000529	
SNS	0. 002731	0. 002731	
LDSP	0. 000420	0. 000420	
BSPF	0. 000583	0. 000500	(8)
BSPF	0. 291417	0. 000500	(9)
FSPF	0. 291342	0. 000500	(10)
RD	0. 531535	0. 000500	(11)
FSPF	1. 410659	0. 000500	(12)
RD	0. 581191	0. 000500	(13)
BSPF	0. 000606	0. 000500	(14)
BSPF	0. 455999	0. 000500	(15)
BSPF	0. 293099	0. 000500	(16)
FSPF	0. 290969	0. 000500	(17)
RD	0. 531411	0. 000500	(18)
FSPF	1. 414089	0. 000500	(19)
NOP	0. 290595	0. 000500	
WR	0. 000615	0. 000615	(20)
WR	0. 000615	0. 000615	(21)
WTM	0. 639278	0. 639278	(22)
WR	0. 003324	0. 003324	(23)
WR	0. 000641	0. 000641	(24)
TOTAL	9. 111926	2. 734931	SECOND

# FIG.64

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001561	0. 001561	(1)
FSPF	0. 453726	0. 453726	(2)
FSPF	0. 453545	0. 453545	(3)
NOP	0. 293952	0. 293952	
LDSP	0. 000525	0. 000525	
LDSP	0. 000456	0. 000456	
LDSP	0. 000492	0. 000492	
NOP	0. 000498	0. 000498	
SNIO	0. 002933	0. 002933	
RDVC	0. 000591	0. 000591	
NOP	0. 000495	0. 000495	
SNS	0. 002706	0. 002706	
LDSP	0. 000425	0. 000425	
BSPF	0. 000581	0. 000500	(4)
BSPF	0. 457145	0. 000500	(5)
FSPF	0. 290540	0. 000500	(6)
RD	0. 531764	0. 000500	(7)
FSPF	1. 409729	0. 000500	(8)
RD	0. 369065	0. 369065	(9)
RD	0. 003179	0. 003179	(10)
FSPF	0. 657888	0. 657888	(11)
NOP	0. 454188	0. 454188	
RD	0. 127053	0. 127053	(12)
RD	0. 001793	0. 001793	(13)
TOTAL	5. 514830	2. 827571	SECOND

# FIG.65

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000700	0. 000700	(1)
WTM	0. 713500	0. 713500	(2)
WR	0. 003500	0. 003500	(3)
WR	0. 000600	0. 000600	(4)
WTM	0. 596800	0. 596800	(5)
WTM	0. 298000	0. 298000	(6)
BSPF	0. 000500	0. 000500	(7)
NOP	0. 460800	0. 460800	
LDSP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
SNS	0. 002900	0. 002900	
LDSP	0. 000500	0. 000500	
BSPF	0. 000500	0. 000500	(8)
BSPF	0. 291400	0. 000500	(9)
FSPF	0. 291300	0. 000500	(10)
RD	0. 531500	0. 000500	(11)
FSPF	1. 410600	0. 000500	(12)
RD	0. 581100	0. 000500	(13)
BSPF	0. 000600	0. 000500	(14)
LDSP	0. 000500	0. 000500	
WR	0. 000600	0. 000600	(15)
WR	0. 000600	0. 000600	(16)
WTM	0. 639200	0. 639200	(17)
WR	0. 003300	0. 003300	(18)
WR	0. 000600	0. 000600	(19)
TOTAL	5. 831600	2. 728100	SECOND

# FIG.66

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001500	0. 001500	(1)
RD	0. 581100	0. 581100	(2)
RD	0. 531700	0. 531700	(3)
FSPF	1. 409700	1. 409700	(4)
BSPF	0. 000500	0. 000500	(5)
BSPF	0. 457100	0. 000500	(6)
FSPF	0. 290900	0. 000500	(7)
SP	0. 531400	0. 000500	(8)
RD	0. 531400	0. 000500	(9)
FSPF	0. 141400	0. 000500	(10)
LDSP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
BSPF	0. 000500	0. 000500	(11)
BSPF	0. 457100	0. 000500	(12)
FSPF	0. 290500	0. 000500	(13)
RD	0. 531700	0. 000500	(14)
FSPF	1. 409700	0. 000500	(15)
RD	0. 369000	0. 369000	(16)
RD	0. 003100	0. 003100	(17)
LDSP	0. 000500	0. 000500	
FSPF	0. 657800	0. 657800	(18)
NOP	0. 454100	0. 454100	
LDSP	0. 000500	0. 000500	
RD	0. 127000	0. 127000	(19)
RD	0. 001700	0. 001700	(20)
TOTAL	8. 781900	4. 145200	SECOND



FIG. 67

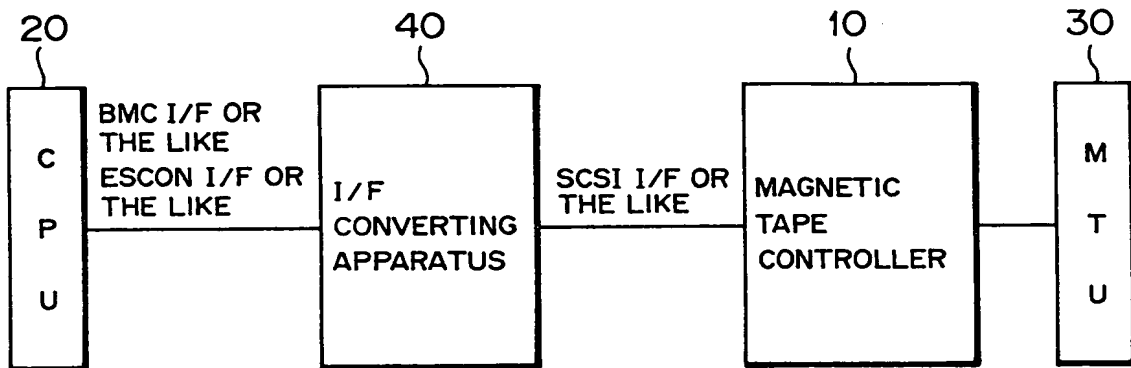


FIG. 68

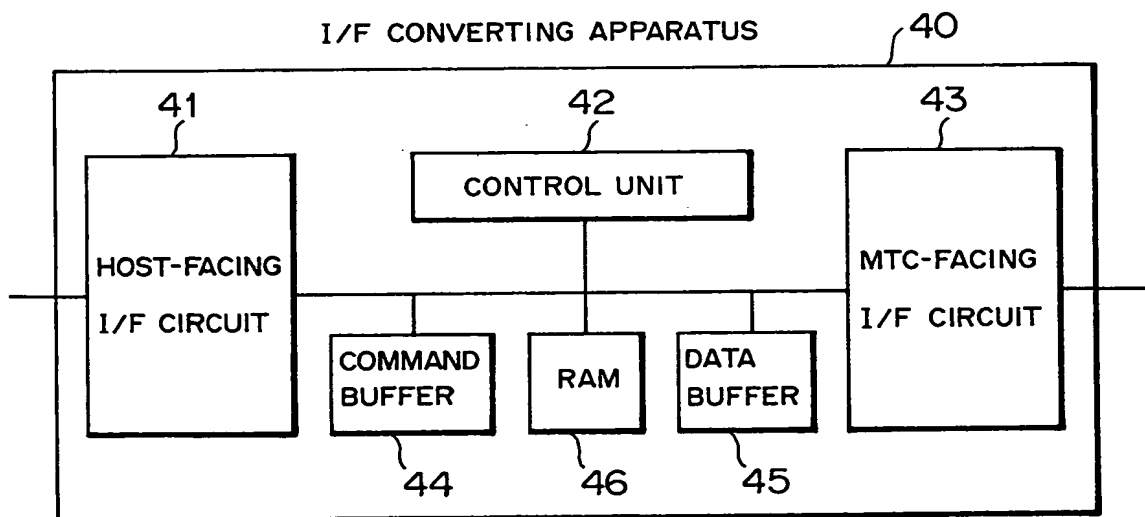


FIG. 69(A)

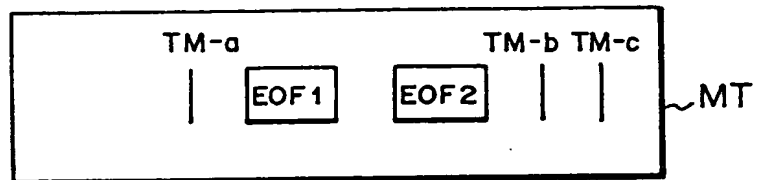


FIG. 69(B)

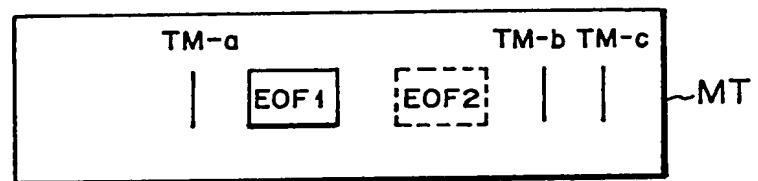


FIG. 69(C)

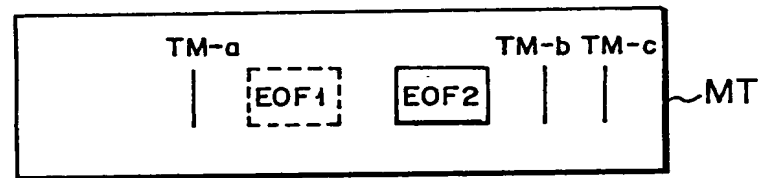


FIG. 69(D)

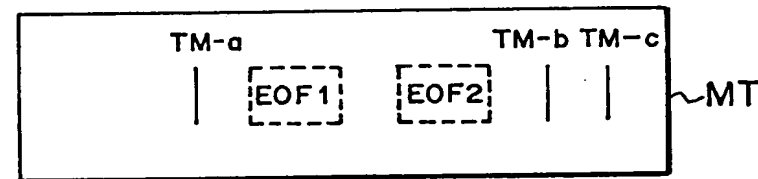


FIG. 70(A)

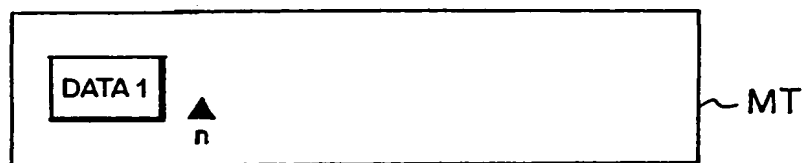


FIG. 70(B)



FIG. 70(C)

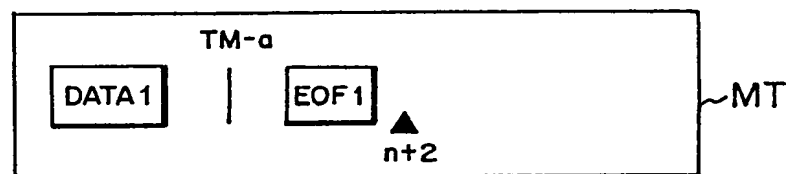


FIG. 70(D)

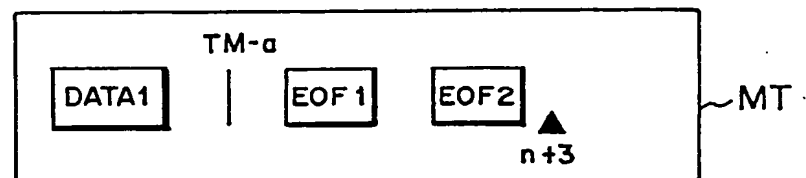


FIG. 70(E)

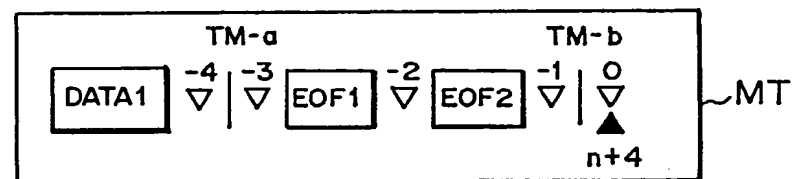


FIG. 70(F)

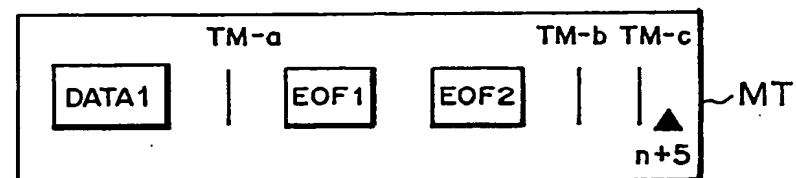


FIG. 70(G)

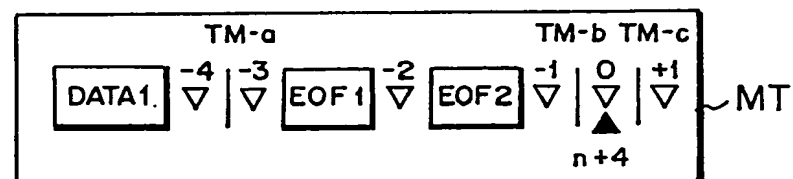


FIG. 71(A)

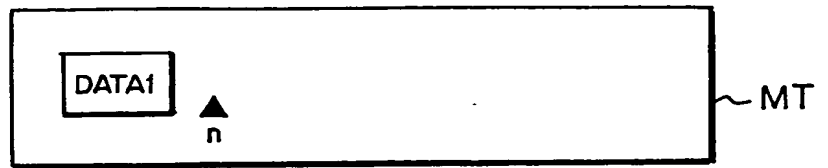


FIG. 71(B)



FIG. 71(C)

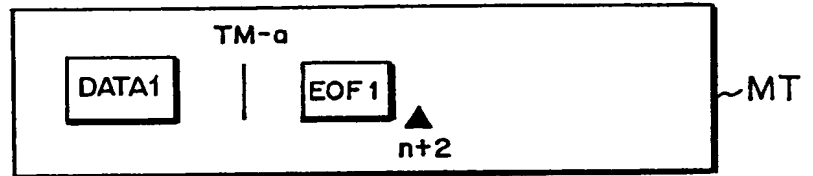


FIG. 71(D)

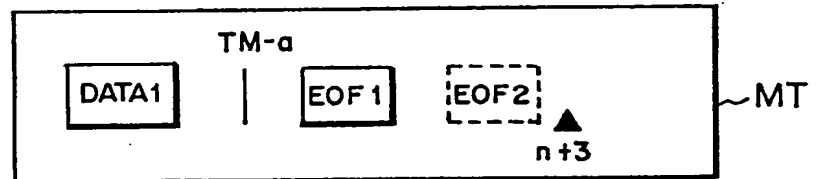


FIG. 71(E)

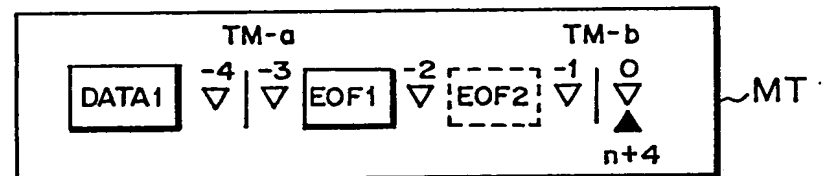


FIG. 71(F)

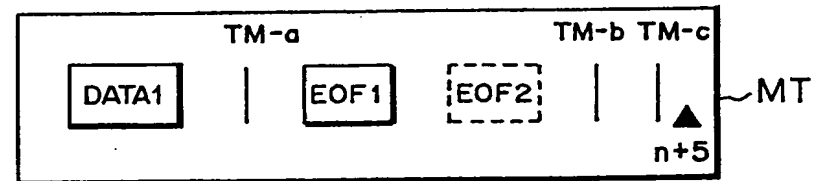


FIG. 71(G)

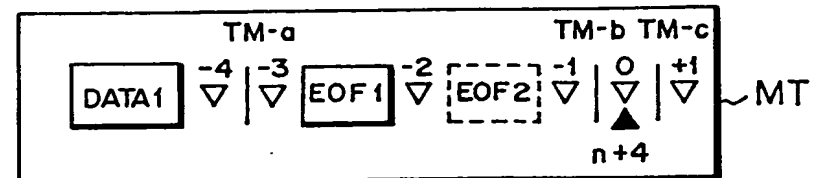


FIG. 72(A)



FIG. 72(B)

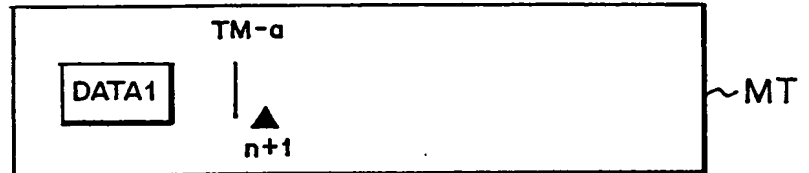


FIG. 72(C)

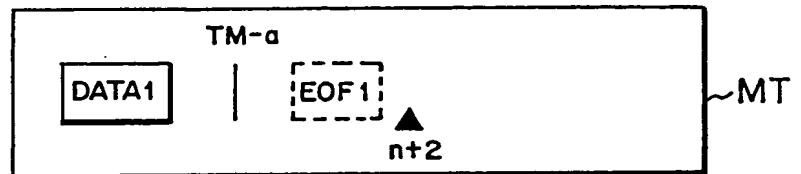


FIG. 72(D)

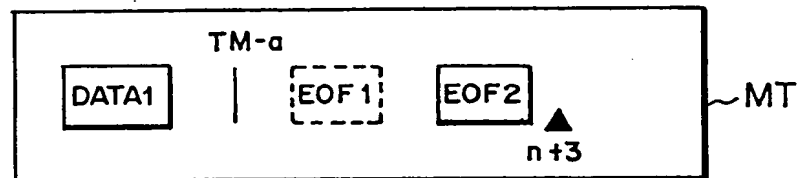


FIG. 72(E)

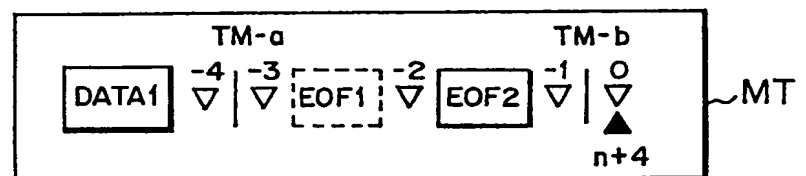


FIG. 72(F)

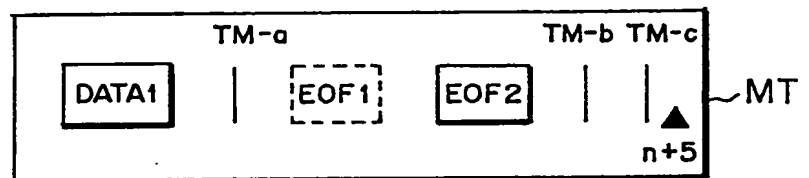


FIG. 72(G)

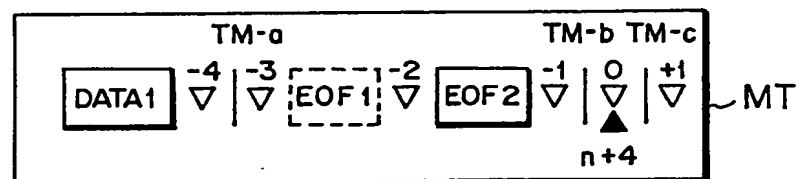


FIG. 73(A)

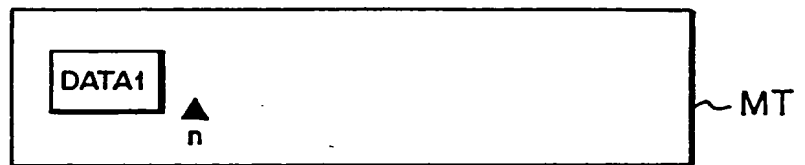


FIG. 73(B)



FIG. 73(C)

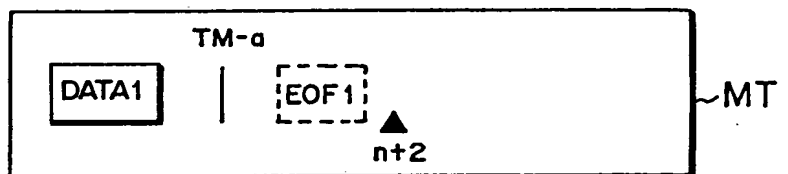


FIG. 73(D)

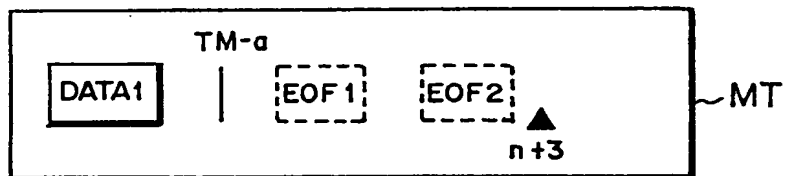


FIG. 73(E)

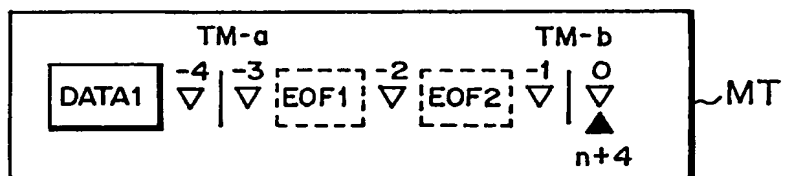


FIG. 73(F)

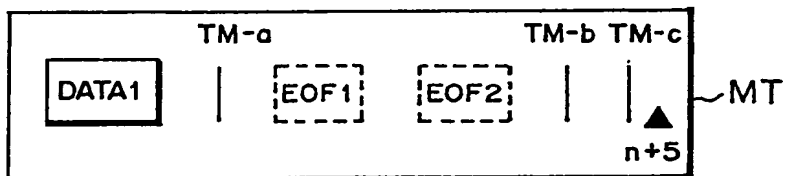


FIG. 73(G)

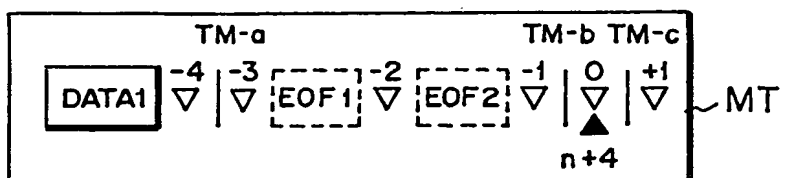


FIG. 74(A)

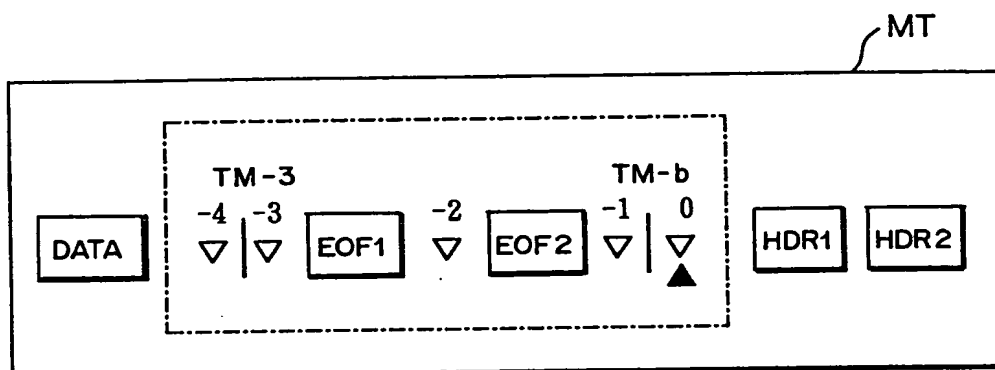


FIG. 74(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	⊙	○	○	○	○	○	×
-3	⊙	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

⊙ : EMULATION POSSIBLE ( INVOLVING DATA TRANSFER )

○ : EMULATION POSSIBLE

×

FIG. 75(A)

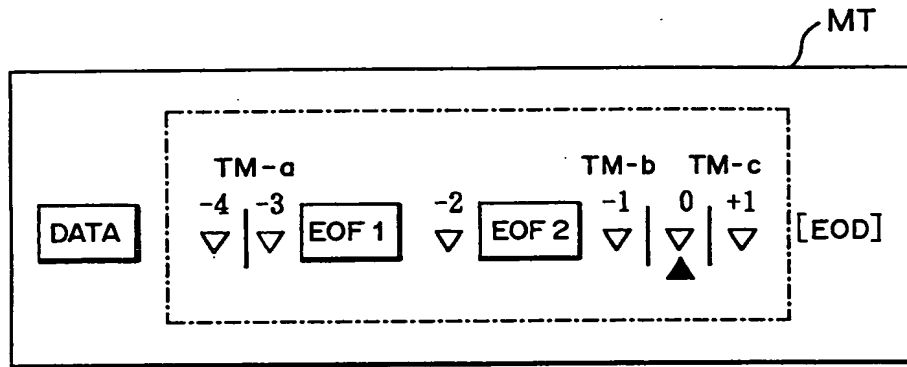


FIG. 75(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	×	○	○	○	×	×	×
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	×
-2	◎	○	○	○	○	○	×
-3	◎	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

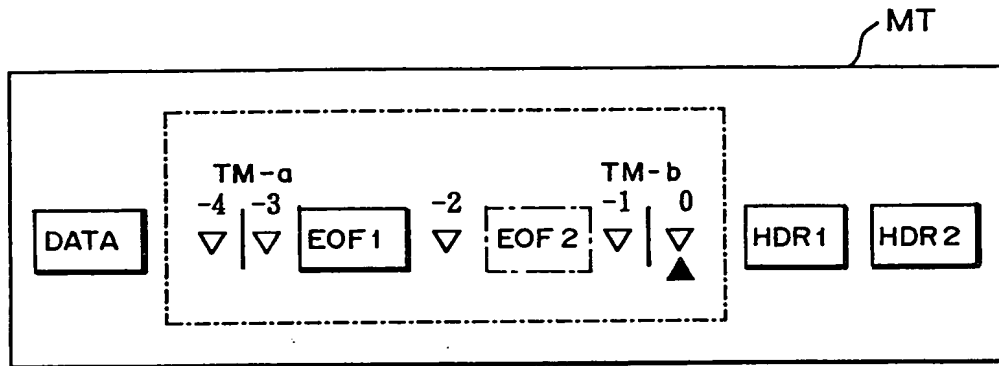
◎ : EMULATION POSSIBLE ( INVOLVING DATA TRANSFER )

○ : EMULATION POSSIBLE

× : EMULATION IMPOSSIBLE ( REAL OPERATION NECESSARY )



# FIG. 76(A)



# FIG. 76(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	×	○	○	○	○	○	×
-3	◎	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE ( INVOLVING DATA TRANSFER )

○ : EMULATION POSSIBLE

×

FIG. 77(A)

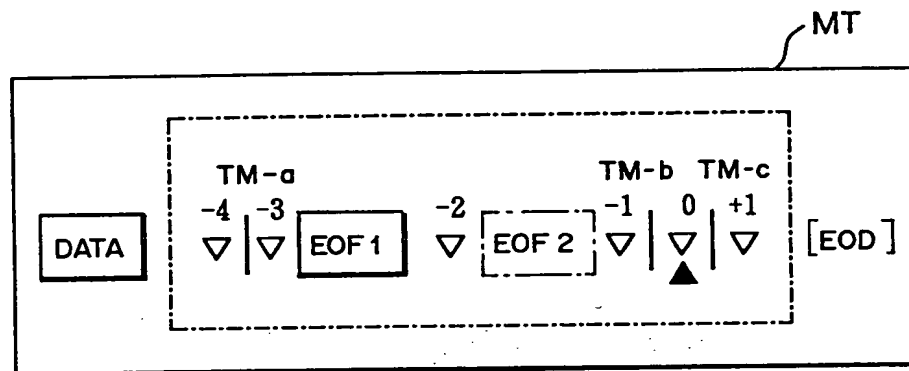


FIG. 77(B)

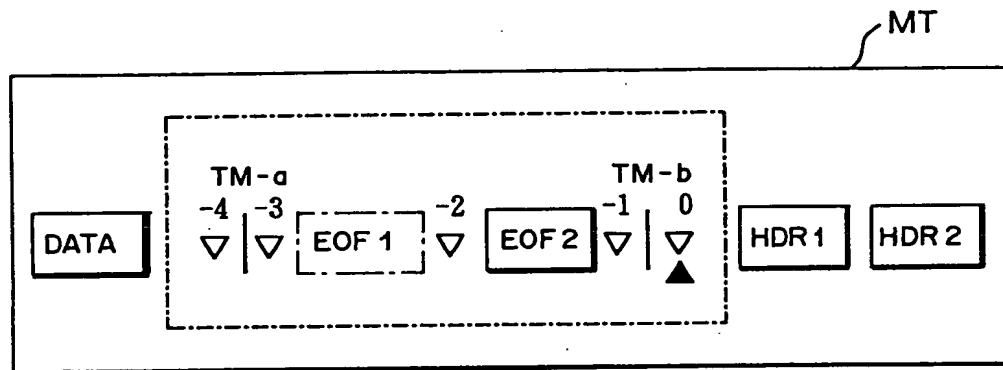
	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	x	○	○	○	x	x	x
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	x
-2	x	○	○	○	○	○	x
-3	◎	○	○	○	○	○	x
-4	○	x	x	x	○	○	x

◎ : EMULATION POSSIBLE ( INVOLVING DATA TRANSFER )

○ : EMULATION POSSIBLE

x : EMULATION IMPOSSIBLE ( REAL OPERATION NECESSARY )

# FIG. 78(A)



# FIG. 78(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	◎	○	○	○	○	○	×
-3	×	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

◎ : EMULATION POSSIBLE ( INVOLVING DATA TRANSFER )

○ : EMULATION POSSIBLE

×

FIG. 79(A)

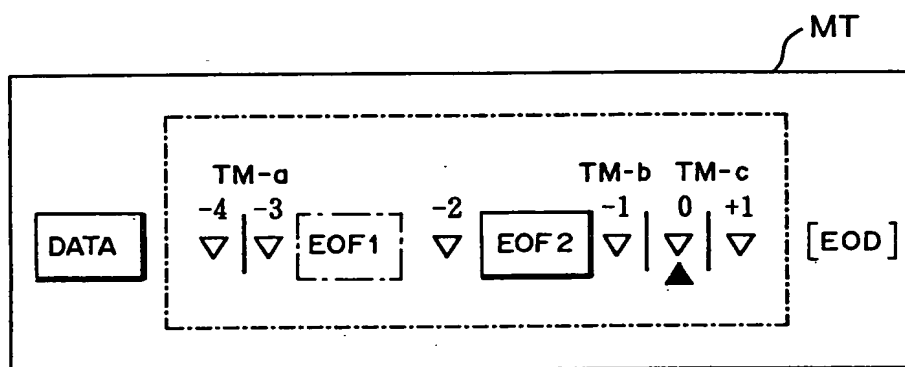


FIG. 79(B)

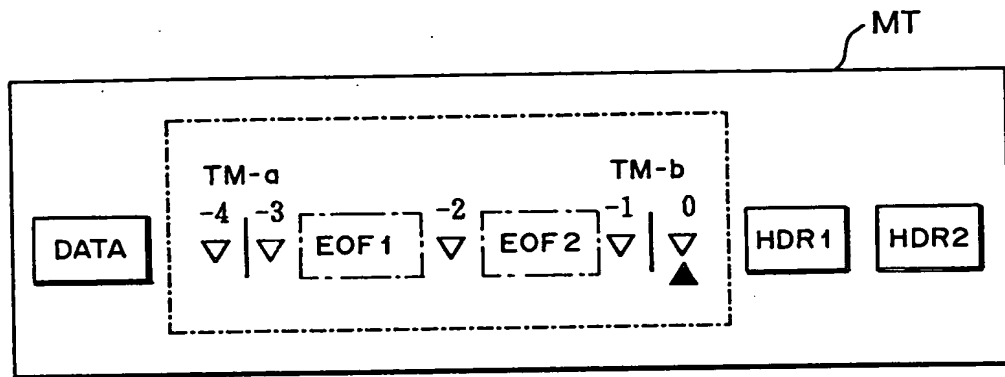
	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	x	○	○	○	x	x	x
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	x
-2	◎	○	○	○	○	○	x
-3	x	○	○	○	○	○	x
-4	○	x	x	x	○	○	x

◎ : EMULATION POSSIBLE ( INVOLVING DATA TRANSFER )

○ : EMULATION POSSIBLE

x : EMULATION IMPOSSIBLE ( REAL OPERATION NECESSARY )

# FIG. 80(A)



# FIG. 80(B)

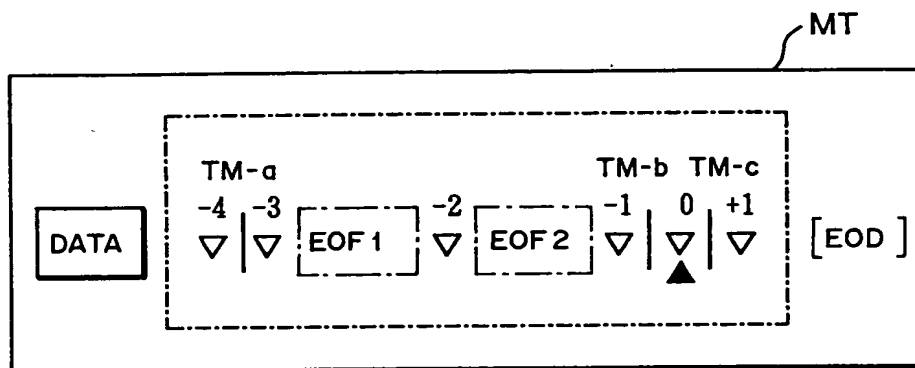
	RD	RB	BSP	BSPF	SP	FSPF	WTM
0	×	○	○	○	×	×	×
-1	○	○	○	○	○	○	○
-2	×	○	○	○	○	○	×
-3	×	○	○	○	○	○	×
-4	○	×	×	×	○	○	×

○ : EMULATION POSSIBLE

×

: EMULATION IMPOSSIBLE ( REAL OPERATION NECESSARY )

# FIG. 81(A)



# FIG. 81(B)

	RD	RB	BSP	BSPF	SP	FSPF	WTM
+1	x	○	○	○	x	x	x
0	○	○	○	○	○	○	○
-1	○	○	○	○	○	○	x
-2	x	○	○	○	○	○	x
-3	x	○	○	○	○	○	x
-4	○	x	x	x	○	○	x

○ : EMULATION POSSIBLE

x : EMULATION IMPOSSIBLE ( REAL OPERATION NECESSARY )

FIG. 82

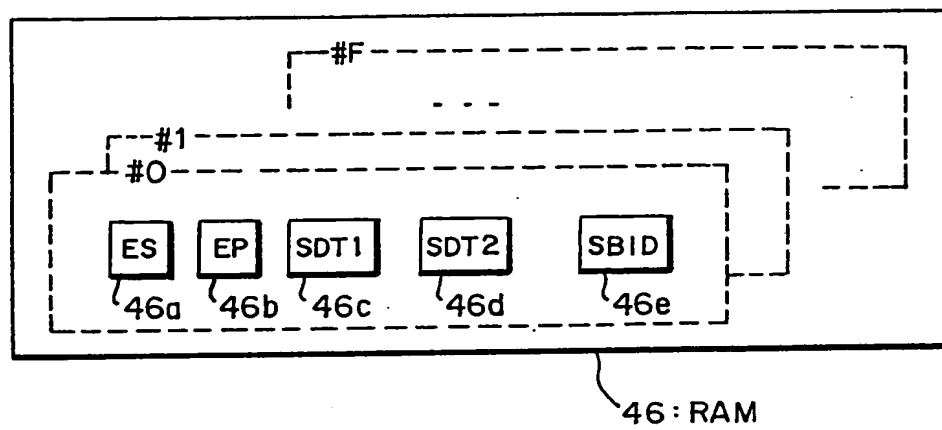


FIG. 83

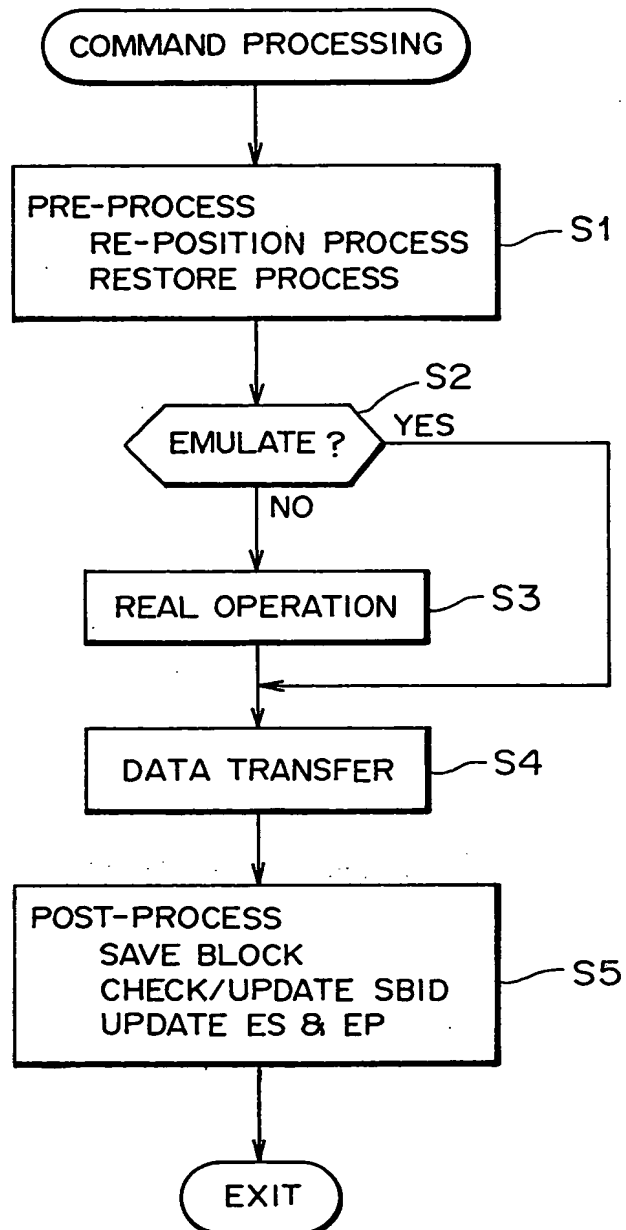




FIG. 84

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL READ	TM	--	SBID←REAL BID	10	--	1.00.00
					OTHERS	--	--	00	--	1.00.01
10	--	--	--	REAL READ	EOF	SDT1	--	20	--	1.10.00
					TM	--	SBID←REAL BID	10	--	1.10.01
					OTHERS	--	--	00	--	1.10.02
20	--	--	--	REAL READ	EOF	SDT2	--	30	--	1.20.00
					TM	--	SBID←REAL BID	10	--	1.20.01
					OTHERS	--	--	00	--	1.20.02
30	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	1.30.00
					OTHERS	--	--	00	--	1.30.01
40	-4	--	--	EMULATE	--	--	--	40	-3	1.40.00
	-3	--	SDT1	EMULATE	--	--	--	40	-2	1.40.10
	-2	--	SDT2	EMULATE	--	--	--	40	-1	1.40.20
	-1	--	--	EMULATE	--	--	--	40	0	1.40.30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1.40.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	1.40.41
					OTHERS	--	--	00	--	1.40.42
					EOF	SDT1	--	20	--	1.50.00
50	--	--	--	REAL READ	TM	--	SBID←REAL BID	10	--	1.50.01
					OTHERS	--	--	00	--	1.50.02
					EOF	SDT1	--	60	-3	1.60.00
60	-4	--	--	EMULATE	--	--	--	60	-2	1.60.10
	-3	--	SDT1	EMULATE	--	--	--	60	-1	1.60.20
	-2	--	SDT2	EMULATE	--	--	--	60	0	1.60.30
	-1	--	--	EMULATE	--	--	--	60	+1	1.60.40
	0	--	--	EMULATE	--	--	--	60	+1	1.60.40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1.60.50
					TM	--	SBID←REAL BID	10	--	1.60.51
					OTHERS	--	--	00	--	1.60.52

FIG. 85

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	1.31.00
					OTHERS	--	--	00	--	1.31.01
41	-4	--	--	EMULATE	--	--	--	41	-3	1.41.00
	-3	--	SDT1	EMULATE	--	--	--	41	-2	1.41.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	30	--	1.41.20
					OTHERS	--	--	00	--	1.41.21
	-1	--	--	EMULATE	--	--	--	41	0	1.41.30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1.41.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	1.41.41
					OTHERS	--	--	00	--	1.41.42
51	--	--	--	REAL READ	EOF	SDT1	--	20	--	1.51.00
					TM	--	SBID←REAL BID	10	--	1.51.01
					OTHERS	--	--	00	--	1.51.02
61	-4	--	--	EMULATE	--	--	--	61	-3	1.61.00
	-3	--	SDT1	EMULATE	--	--	--	61	-2	1.61.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	30	--	1.61.20
					OTHERS	--	--	00	--	1.61.21
	-1	--	--	EMULATE	--	--	--	61	0	1.61.30
	0	--	--	EMULATE	--	--	--	61	+1	1.61.40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1.61.50
					TM	--	SBID←REAL BID	10	--	1.61.51
					OTHERS	--	--	00	--	1.61.52

FIG. 86

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL READ	EOF	SDT2	--	32	--	1. 22. 00
					TM	--	SBID←REAL BID	10	--	1. 22. 01
					OTHERS	--	--	00	--	1. 22. 02
32	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	1. 32. 00
					OTHERS	--	--	00	--	1. 32. 01
42	-4	--	--	EMULATE	--	--	--	42	-3	1. 42. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 42. 10
					OTHERS	--	--	00	--	1. 42. 11
	-2	--	SDT2	EMULATE	--	--	--	42	-1	1. 42. 20
	-1	--	--	EMULATE	--	--	--	42	0	1. 42. 30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1. 42. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	1. 42. 41
					OTHERS	--	--	00	--	1. 42. 42
52	--	--	--	REAL READ	EOF	SDT1	--	20	--	1. 52. 00
					TM	--	SBID←REAL BID	10	--	1. 52. 01
					OTHERS	--	--	00	--	1. 52. 02
62	-4	--	--	EMULATE	--	--	--	62	-3	1. 62. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 62. 10
					OTHERS	--	--	00	--	1. 62. 11
	-2	--	SDT2	EMULATE	--	--	--	62	-1	1. 62. 20
	-1	--	--	EMULATE	--	--	--	62	0	1. 62. 30
	0	--	--	EMULATE	--	--	--	62	+1	1. 62. 40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1. 62. 50
					TM	--	SBID←REAL BID	10	--	1. 62. 51
					OTHERS	--	--	00	--	1. 62. 52

# FIG. 87

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	1. 33. 00
					OTHERS	--	--	00	--	1. 33. 01
43	-4	--	--	EMULATE	--	--	--	43	-3	1. 43. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 43. 10
					OTHERS	--	--	00	--	1. 43. 11
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	32	--	1. 43. 20
					OTHERS	--	--	00	--	1. 43. 21
	-1	--	--	EMULATE	--	--	--	43	0	1. 43. 30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1. 43. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	1. 43. 41
					OTHERS	--	--	00	--	1. 43. 42
53	--	--	--	REAL READ	EOF	SDT1	--	20	--	1. 53. 00
					TM	--	SBID←REAL BID	10	--	1. 53. 01
					OTHERS	--	--	00	--	1. 53. 02
63	-4	--	--	EMULATE	--	--	--	63	-3	1. 63. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 63. 10
					OTHERS	--	--	00	--	1. 63. 11
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	32	--	1. 63. 20
					OTHERS	--	--	00	--	1. 63. 21
	-1	--	--	EMULATE	--	--	--	63	0	1. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	1. 63. 40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1. 63. 50
					TM	--	SBID←REAL BID	10	--	1. 63. 51
OTHERS					--	--	00	--	1. 63. 52	

# FIG.88

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	ID
00	--	--	--	REAL RB	--	--	--	00	--	2.00.00
10	--	--	--	REAL RB	--	--	--	00	--	2.10.00
20	--	--	--	REAL RB	--	--	--	00	--	2.20.00
30	--	--	--	REAL RB	--	--	--	00	--	2.30.00
40	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2.40.00
	-3	--	--	EMULATE	--	--	--	40	-4	2.40.10
	-2	--	--	EMULATE	--	--	--	40	-3	2.40.20
	-1	--	--	EMULATE	--	--	--	40	-2	2.40.30
	0	--	--	EMULATE	--	--	--	40	-1	2.40.40
50	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	60	0	2.50.00
60	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2.60.00
	-3	--	--	EMULATE	--	--	--	60	-4	2.60.10
	-2	--	--	EMULATE	--	--	--	60	-3	2.60.20
	-1	--	--	EMULATE	--	--	--	60	-2	2.60.30
	0	--	--	EMULATE	--	--	--	60	-1	2.60.40
	+1	--	--	EMULATE	--	--	--	60	0	2.60.50

**FIG. 89**

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	ID
31	--	--	--	REAL RB	--	--	--	00	--	2. 31. 00
41	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-4	2. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-3	2. 41. 20
	-1	--	--	EMULATE	--	--	--	41	-2	2. 41. 30
	0	--	--	EMULATE	--	--	--	41	-1	2. 41. 40
51	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	0	2. 51. 00
61	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-4	2. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-3	2. 61. 20
	-1	--	--	EMULATE	--	--	--	61	-2	2. 61. 30
	0	--	--	EMULATE	--	--	--	61	-1	2. 61. 40
	+1	--	--	EMULATE	--	--	--	61	0	2. 61. 50

# FIG.90

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP
32	--	--	--	REAL RB	--	--	--	00	--
	--	--	--	REAL RB	--	--	--	00	--
42	-4	SBID+EP	--	REAL RB	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	42	-4
	-2	--	--	EMULATE	--	--	--	42	-3
	-1	--	--	EMULATE	--	--	--	42	-2
	0	--	--	EMULATE	--	--	--	42	-1
52	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	0
62	-4	SBID+EP	--	REAL RB	--	--	--	00	--
	-3	--	--	EMULATE	--	--	--	62	-4
	-2	--	--	EMULATE	--	--	--	62	-3
	-1	--	--	EMULATE	--	--	--	62	-2
	0	--	--	EMULATE	--	--	--	62	-1
	+1	--	--	EMULATE	--	--	--	62	0

FIG.91

PRE -- PROCESS				OPERATION	POST -- PROCESS				PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP
33	--	--	--	REAL RB	--	--	--	00	--
	--	--	--	REAL RB	--	--	--	00	--
43	-4	SBID+EP	--	EMULATE	--	--	--	43	-4
	-3	--	--	EMULATE	--	--	--	43	-3
	-2	--	--	EMULATE	--	--	--	43	-2
	-1	--	--	EMULATE	--	--	--	43	-1
	0	--	--	EMULATE	--	--	--	43	0
53	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	0
	--	--	--	REAL RB	--	--	--	00	--
63	-4	SBID+EP	--	EMULATE	--	--	--	63	-4
	-3	--	--	EMULATE	--	--	--	63	-3
	-2	--	--	EMULATE	--	--	--	63	-2
	-1	--	--	EMULATE	--	--	--	63	-1
	0	--	--	EMULATE	--	--	--	63	0
	+1	--	--	EMULATE	--	--	--	63	0
	--	--	--	EMULATE	--	--	--	63	0



# FIG. 92

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
00	--	--	--	REAL WR	--	--	--		00	--	3. 00. 00
10	--	--	--	REAL WR	EOF	SDT1	--		20	--	3. 10. 00
			--	OTHERS	--	--		00	--	3. 10. 01	
20	--	--	--	REAL WR	EOF	SDT2	--		30	--	3. 20. 00
			--	OTHERS	--	--		00	--	3. 20. 01	
30	--	--	--	REAL WR	--	--	--		00	--	3. 30. 00
40	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 40. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 40. 10
			--	OTHERS	--	--		00	--	3. 40. 11	
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 40. 20
			--	OTHERS	--	--		00	--	3. 40. 21	
	-1		--	REAL WR	--	--	--		00	--	3. 40. 30
	0	--	REAL WR	EOF	SDT1	--		20	--	3. 40. 40	
		--	OTHERS	--	--		00	--	3. 40. 41		
50	--	--	--	REAL WR	EOF	SDT1	--		20	--	3. 50. 00
			--	OTHERS	--	--		00	--	3. 50. 01	
60	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 60. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 60. 10
			--	OTHERS	--	--		00	--	3. 60. 11	
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 60. 20
			--	OTHERS	--	--		00	--	3. 60. 21	
	-1		--	REAL WR	--	--	--		00	--	3. 60. 30
	0	--	REAL WR	EOF	SDT1	--		20	--	3. 60. 40	
		--	OTHERS	--	--		00	--	3. 60. 41		
+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 60. 50	
		--	OTHERS	--	--		00	--	3. 60. 51		

# FIG. 93

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL WR	--	--	--	00	--	3. 31. 00
41	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 41. 00
	-3		REAL WR	EOF	SDT1	SBID-3	20	--	3. 41. 10	
				OTHERS	--	--	00	--	3. 41. 11	
	-2		REAL WR	EOF	SDT2	SBID-3	30	--	3. 41. 20	
				OTHERS	--	--	00	--	3. 41. 21	
	-1		REAL WR	--	--	--	00	--	3. 41. 30	
	0		REAL WR	EOF	SDT1	--	20	--	3. 41. 40	
		OTHERS		--	--	00	--	3. 41. 41		
51	--	--	REAL WR	EOF	SDT1	--	20	--	3. 51. 00	
				OTHERS	--	--	00	--	3. 51. 01	
61	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 61. 00
	-3		REAL WR	EOF	SDT1	SBID-3	20	--	3. 61. 10	
				OTHERS	--	--	00	--	3. 61. 11	
	-2		REAL WR	EOF	SDT2	SBID-3	30	--	3. 61. 20	
				OTHERS	--	--	00	--	3. 61. 21	
	-1		REAL WR	--	--	--	00	--	3. 61. 30	
	0		REAL WR	EOF	SDT1	--	20	--	3. 61. 40	
		OTHERS		--	--	00	--	3. 61. 41		
	+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1	20	--	3. 61. 50
				OTHERS	--	--	00	--	3. 61. 51	

# FIG. 94

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL	EOF	SDT2	--	32	--	3. 22. 00
			--	WR	OTHERS	--	--	00	--	3. 22. 01
32	--	--	--	REAL WR	--	--	--	00	--	3. 32. 00
42	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 42. 00
	-3		--	REAL	EOF	SDT1	SBID-3	20	--	3. 42. 10
			--	WR	OTHERS	--	--	00	--	3. 42. 11
	-2		--	REAL	EOF	SDT2	SBID-3	32	--	3. 42. 20
			--	WR	OTHERS	--	--	00	--	3. 42. 21
	-1		--	REAL WR	--	--	--	00	--	3. 42. 30
	0		--	REAL	EOF	SDT1	--	20	--	3. 42. 40
		--	WR	OTHERS	--	--	00	--	3. 42. 41	
52	--	--	--	REAL	EOF	SDT1	--	20	--	3. 52. 00
			--	WR	OTHERS	--	--	00	--	3. 52. 01
62	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 62. 00
	-3		--	REAL	EOF	SDT1	SBID-3	20	--	3. 62. 10
			--	WR	OTHERS	--	--	00	--	3. 62. 11
	-2		--	REAL	EOF	SDT2	SBID-3	32	--	3. 62. 20
			--	WR	OTHERS	--	--	00	--	3. 62. 21
	-1		--	REAL WR	--	--	--	00	--	3. 62. 30
	0		--	REAL	EOF	SDT1	--	20	--	3. 62. 40
		--	WR	OTHERS	--	--	00	--	3. 62. 41	
+1	SBID+EP	--	REAL	EOF	SDT1	SBID+1	20	--	3. 62. 50	
		--	WR	OTHERS	--	--	00	--	3. 62. 51	

FIG. 95

PRE — PROCESS				OPERATION	POST — PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
33	--	--	--	REAL WR	--	--	--		00	--	3. 33. 00
43	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 43. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 43. 10
					OTHERS	--	--		00	--	3. 43. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	--	3. 43. 20
					OTHERS	--	--		00	--	3. 43. 21
	-1		--	REAL WR	--	--	--		00	--	3. 43. 30
	0		--	REAL WR	EOF	SDT1	--		20	--	3. 43. 40
					OTHERS	--	--		00	--	3. 43. 41
53	--	--	REAL WR	EOF	SDT1	--		20	--	3. 53. 00	
				OTHERS	--	--		00	--	3. 53. 01	
63	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 63. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 63. 10
					OTHERS	--	--		00	--	3. 63. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	--	3. 63. 20
					OTHERS	--	--		00	--	3. 63. 21
	-1		--	REAL WR	--	--	--		00	--	3. 63. 30
	0		--	REAL WR	EOF	SDT1	--		20	--	3. 63. 40
					OTHERS	--	--		00	--	3. 63. 41
	+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 63. 50
				OTHERS	--	--		00	--	3. 63. 51	

FIG. 96

PRE -- PROCESS				OPERATION	POST -- PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL BSP	--	--	--	00	--	4. 00. 00
10	--	--	--	REAL BSP	--	--	--	00	--	4. 10. 00
20	--	--	--	REAL BSP	--	--	--	10	--	4. 20. 00
30	--	--	--	REAL BSP	--	--	--	20	--	4. 30. 00
40	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 40. 00
	-3	--	--	EMULATE	--	--	--	40	-4	4. 40. 10
	-2	--	--	EMULATE	--	--	--	40	-3	4. 40. 20
	-1	--	--	EMULATE	--	--	--	40	-2	4. 40. 30
	0	--	--	EMULATE	--	--	--	40	-1	4. 40. 40
50	--	--	--	REAL BSP	TM	--	SBID ← REAL BID WHEN (SBID) - (REAL BID) = 1	60	0	4. 50. 00
60	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 60. 00
	-3	--	--	EMULATE	--	--	--	60	-4	4. 60. 10
	-2	--	--	EMULATE	--	--	--	60	-3	4. 60. 20
	-1	--	--	EMULATE	--	--	--	60	-2	4. 60. 30
	0	--	--	EMULATE	--	--	--	60	-1	4. 60. 40
	+1	--	--	EMULATE	--	--	--	60	0	4. 60. 50

# FIG. 97

PRE -- PROCESS				OPERATION	POST -- PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL BSP	--	--	--	20	--	4. 31. 00
41	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-4	4. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-3	4. 41. 20
	-1	--	--	EMULATE	--	--	--	41	-2	4. 41. 30
	0	--	--	EMULATE	--	--	--	41	-1	4. 41. 40
51	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	0	4. 51. 00
61	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-4	4. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-3	4. 61. 20
	-1	--	--	EMULATE	--	--	--	61	-2	4. 61. 30
	0	--	--	EMULATE	--	--	--	61	-1	4. 61. 40
	+1	--	--	EMULATE	--	--	--	61	0	4. 61. 50

FIG. 98

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL BSP	--	--	--	10	--	4. 22. 00
32	--	--	--	REAL BSP	--	--	--	22	--	4. 32. 00
42	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 42. 00
	-3	--	--	EMULATE	--	--	--	42	-4	4. 42. 10
	-2	--	--	EMULATE	--	--	--	42	-3	4. 42. 20
	-1	--	--	EMULATE	--	--	--	42	-2	4. 42. 30
	0	--	--	EMULATE	--	--	--	42	-1	4. 42. 40
	0	--	--	EMULATE	--	--	--	42	-1	4. 42. 40
52	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	0	4. 52. 00
62	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 62. 00
	-3	--	--	EMULATE	--	--	--	62	-4	4. 62. 10
	-2	--	--	EMULATE	--	--	--	62	-3	4. 62. 20
	-1	--	--	EMULATE	--	--	--	62	-2	4. 62. 30
	0	--	--	EMULATE	--	--	--	62	-1	4. 62. 40
	0	--	--	EMULATE	--	--	--	62	-1	4. 62. 40
	+1	--	--	EMULATE	--	--	--	62	0	4. 62. 50

FIG. 99

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL BSP	--	--	--	22	--	4. 33. 00
43	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 43. 00
	-3	--	--	EMULATE	--	--	--	43	-4	4. 43. 10
	-2	--	--	EMULATE	--	--	--	43	-3	4. 43. 20
	-1	--	--	EMULATE	--	--	--	43	-2	4. 43. 30
	0	--	--	EMULATE	--	--	--	43	-1	4. 43. 40
53	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	0	4. 53. 00
63	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 63. 00
	-3	--	--	EMULATE	--	--	--	63	-4	4. 63. 10
	-2	--	--	EMULATE	--	--	--	63	-3	4. 63. 20
	-1	--	--	EMULATE	--	--	--	63	-2	4. 63. 30
	0	--	--	EMULATE	--	--	--	63	-1	4. 63. 40
	+1	--	--	EMULATE	--	--	--	63	0	4. 63. 50



# FIG. 100

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL BSPF	--	--	--	00	--	5. 00. 00
10	--	--	--	REAL BSPF	--	--	--	00	--	5. 10. 00
20	--	--	--	REAL BSPF	--	--	--	00	--	5. 20. 00
30	--	--	--	REAL BSPF	--	--	--	00	--	5. 30. 00
40	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 40. 00
	-3	--	--	EMULATE	--	--	--	40	-4	5. 40. 10
	-2	--	--	EMULATE	--	--	--	40	-4	5. 40. 20
	-1	--	--	EMULATE	--	--	--	40	-4	5. 40. 30
	0	--	--	EMULATE	--	--	--	40	-1	5. 40. 40
50	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	60	0	5. 50. 00
60	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 60. 00
	-3	--	--	EMULATE	--	--	--	60	-4	5. 60. 10
	-2	--	--	EMULATE	--	--	--	60	-4	5. 60. 20
	-1	--	--	EMULATE	--	--	--	60	-4	5. 60. 30
	0	--	--	EMULATE	--	--	--	60	-1	5. 60. 40
	+1	--	--	EMULATE	--	--	--	60	0	5. 60. 50

# FIG. 101

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL BSPF	--	--	--	00	--	5. 31. 00
41	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-4	5. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-4	5. 41. 20
	-1	--	--	EMULATE	--	--	--	41	-4	5. 41. 30
	0	--	--	EMULATE	--	--	--	41	-1	5. 41. 40
51	--	--	--	REAL BSPF	TH	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	0	5. 51. 00
61	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-4	5. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-4	5. 61. 20
	-1	--	--	EMULATE	--	--	--	61	-4	5. 61. 30
	0	--	--	EMULATE	--	--	--	61	-1	5. 61. 40
	+1	--	--	EMULATE	--	--	--	61	0	5. 61. 50

FIG. 102

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL BSPF	--	--	--	00	--	5. 22. 00
32	--	--	--	REAL BSPF	--	--	--	00	--	5. 32. 00
42	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 42. 00
	-3	--	--	EMULATE	--	--	--	42	-4	5. 42. 10
	-2	--	--	EMULATE	--	--	--	42	-4	5. 42. 20
	-1	--	--	EMULATE	--	--	--	42	-4	5. 42. 30
	0	--	--	EMULATE	--	--	--	42	-1	5. 42. 40
52	--	--	--	REAL BSPF	TM	--	SBID-REAL BID WHEN (SBID)-(REAL BID)=1	62	0	5. 52. 00
62	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 62. 00
	-3	--	--	EMULATE	--	--	--	62	-4	5. 62. 10
	-2	--	--	EMULATE	--	--	--	62	-4	5. 62. 20
	-1	--	--	EMULATE	--	--	--	62	-4	5. 62. 30
	0	--	--	EMULATE	--	--	--	62	-1	5. 62. 40
	+1	--	--	EMULATE	--	--	--	62	0	5. 62. 50

FIG. 103

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL BSPF	--	--	--	00	--	5. 33. 00
43	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 43. 00
	-3	--	--	EMULATE	--	--	--	43	-4	5. 43. 10
	-2	--	--	EMULATE	--	--	--	43	-4	5. 43. 20
	-1	--	--	EMULATE	--	--	--	43	-4	5. 43. 30
	0	--	--	EMULATE	--	--	--	43	-1	5. 43. 40
53	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	0	5. 53. 00
63	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 63. 00
	-3	--	--	EMULATE	--	--	--	63	-4	5. 63. 10
	-2	--	--	EMULATE	--	--	--	63	-4	5. 63. 20
	-1	--	--	EMULATE	--	--	--	63	-4	5. 63. 30
	0	--	--	EMULATE	--	--	--	63	-1	5. 63. 40
	+1	--	--	EMULATE	--	--	--	63	0	5. 63. 50

# FIG. 104

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL SP	TM	--	SBID←REAL BID	10	--	6. 00. 00
					OTHERS	--	--	00	--	6. 00. 01
10	--	--	--	REAL SP	EOF	--	--	22	--	6. 10. 00
					TM	--	SBID←REAL BID	10	--	6. 10. 01
					OTHERS	--	--	00	--	6. 10. 02
20	--	--	--	REAL SP	EOF	--	--	31	--	6. 20. 00
			--		TM	--	SBID←REAL BID	10	--	6. 20. 01
			--		OTHERS	--	--	00	--	6. 20. 02
30	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	6. 30. 00
			--		OTHERS	--	--	00	--	6. 30. 01
40	-4	--	--	EMULATE	--	--	--	40	-3	6. 40. 00
	-3	--	--	EMULATE	--	--	--	40	-2	6. 40. 10
	-2	--	--	EMULATE	--	--	--	40	-1	6. 40. 20
	-1	--	--	EMULATE	--	--	--	40	0	6. 40. 30
	0	--	--	REAL SP	EOF	--	--	22	--	6. 40. 40
			--		TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	6. 40. 41
			--		OTHERS	--	--	00	--	6. 40. 42
50	--	--	--	REAL SP	EOF	--	--	22	--	6. 50. 00
			--		TM	--	SBID←REAL BID	10	--	6. 50. 01
			--		OTHERS	--	--	00	--	6. 50. 02
60	-4	--	--	EMULATE	--	--	--	60	-3	6. 60. 00
	-3	--	--	EMULATE	--	--	--	60	-2	6. 60. 10
	-2	--	--	EMULATE	--	--	--	60	-1	6. 60. 20
	-1	--	--	EMULATE	--	--	--	60	0	6. 60. 30
	0	--	--	EMULATE	--	--	--	60	+1	6. 60. 40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 60. 50
					TM	--	SBID←REAL BID	10	--	6. 60. 51
					OTHERS	--	--	00	--	6. 60. 52

FIG. 105

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	6. 31. 00
					OTHERS	--	--	00	--	6. 31. 01
41	-4	--	--	EMULATE	--	--	--	41	-3	6. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-2	6. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-1	6. 41. 20
	-1	--	--	EMULATE	--	--	--	41	0	6. 41. 30
	0	--	--	REAL SP	EOF	--	--	22	--	6. 41. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	6. 41. 41
					OTHERS	--	--	00	--	6. 41. 42
51	--	--	--	REAL SP	EOF	--	--	22	--	6. 51. 00
					TM	--	SBID←REAL BID	10	--	6. 51. 01
					OTHERS	--	--	00	--	6. 51. 02
61	-4	--	--	EMULATE	--	--	--	61	-3	6. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-2	6. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-1	6. 61. 20
	-1	--	--	EMULATE	--	--	--	61	0	6. 61. 30
	0	--	--	EMULATE	--	--	--	61	+1	6. 61. 40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 61. 50
					TM	--	SBID←REAL BID	10	--	6. 61. 51
					OTHERS	--	--	00	--	6. 61. 52

FIG. 106

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES		EP	
22	--	--	--	REAL SP	EOF	--	--	33	--	6. 22. 00	
					TM	--	SBID←REAL BID	10	--	6. 22. 01	
					OTHERS	--	--	00	--	6. 22. 02	
32	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	6. 32. 00	
					OTHERS	--	--	00	--	6. 32. 01	
42	-4	--	--	EMULATE	--	--	--	42	-3	6. 42. 00	
	-3	--	--	EMULATE	--	--	--	42	-2	6. 42. 10	
	-2	--	--	EMULATE	--	--	--	42	-1	6. 42. 20	
	-1	--	--	EMULATE	--	--	--	42	0	6. 42. 30	
	0	--	--	REAL SP	EOF	--	--	22	--	6. 42. 40	
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	6. 42. 41	
					OTHERS	--	--	00	--	6. 42. 42	
	52	--	--	--	REAL SP	EOF	--	--	22	--	6. 52. 00
						TM	--	SBID←REAL BID	10	--	6. 52. 01
						OTHERS	--	--	00	--	6. 52. 02
62	-4	--	--	EMULATE	--	--	--	62	-3	6. 62. 00	
	-3	--	--	EMULATE	--	--	--	62	-2	6. 62. 10	
	-2	--	--	EMULATE	--	--	--	62	-1	6. 62. 20	
	-1	--	--	EMULATE	--	--	--	62	0	6. 62. 30	
	0	--	--	EMULATE	--	--	--	62	+1	6. 62. 40	
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 62. 50	
					TM	--	SBID←REAL BID	10	--	6. 62. 51	
					OTHERS	--	--	00	--	6. 62. 52	

FIG. 107

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	6. 33. 00
					OTHERS	--	--	00	--	6. 33. 01
43	-4	--	--	EMULATE	--	--	--	43	-3	6. 43. 00
	-3	--	--	EMULATE	--	--	--	43	-2	6. 43. 10
	-2	--	--	EMULATE	--	--	--	43	-1	6. 43. 20
	-1	--	--	EMULATE	--	--	--	43	0	6. 43. 30
	0	--	--	REAL SP	EOF	--	--	22	--	6. 43. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	6. 43. 41
					OTHERS	--	--	00	--	6. 43. 42
					EOF	--	--	22	--	6. 53. 00
53	--	--	--	REAL SP	TM	--	SBID←REAL BID	10	--	6. 53. 01
					OTHERS	--	--	00	--	6. 53. 02
					EOF	--	--	22	--	6. 53. 00
63	-4	--	--	EMULATE	--	--	--	63	-3	6. 63. 00
	-3	--	--	EMULATE	--	--	--	63	-2	6. 63. 10
	-2	--	--	EMULATE	--	--	--	63	-1	6. 63. 20
	-1	--	--	EMULATE	--	--	--	63	0	6. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	6. 63. 40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 63. 50
					TM	--	SBID←REAL BID	10	--	6. 63. 51
					OTHERS	--	--	00	--	6. 63. 52



# FIG. 108

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL FSPF	TM	--	SBID←REAL BID	10	--	7.00.00
					OTHERS	--	--	00	--	7.00.01
10	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.10.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.10.01
					OTHERS	--	--	00	--	7.10.02
20	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.20.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.20.01
					OTHERS	--	--	00	--	7.20.02
30	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	7.30.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.30.01
					OTHERS	--	--	00	--	7.30.02
40	-4	--	--	EMULATE	--	--	--	40	-3	7.40.00
	-3	--	--	EMULATE	--	--	--	40	0	7.40.10
	-2	--	--	EMULATE	--	--	--	40	0	7.40.20
	-1	--	--	EMULATE	--	--	--	40	0	7.40.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.40.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	7.40.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.40.42
					OTHERS	--	--	00	--	7.40.43
50	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.50.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.50.01
					OTHERS	--	--	00	--	7.50.02
60	-4	--	--	EMULATE	--	--	--	60	-3	7.60.00
	-3	--	--	EMULATE	--	--	--	60	0	7.60.10
	-2	--	--	EMULATE	--	--	--	60	0	7.60.20
	-1	--	--	EMULATE	--	--	--	60	0	7.60.30
	0	--	--	EMULATE	--	--	--	60	+1	7.60.40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.60.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.60.51
					OTHERS	--	--	00	--	7.60.52

# FIG. 109

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.31.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.31.01
					OTHERS	--	--	00	--	7.31.02
41	-4	--	--	EMULATE	--	--	--	41	-3	7.41.00
	-3	--	--	EMULATE	--	--	--	41	0	7.41.10
	-2	--	--	EMULATE	--	--	--	41	0	7.41.20
	-1	--	--	EMULATE	--	--	--	41	0	7.41.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.41.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	7.41.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.41.42
					OTHERS	--	--	00	--	7.41.43
51	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.51.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.51.01
					OTHERS	--	--	00	--	7.51.02
61	-4	--	--	EMULATE	--	--	--	61	-3	7.61.00
	-3	--	--	EMULATE	--	--	--	61	0	7.61.10
	-2	--	--	EMULATE	--	--	--	61	0	7.61.20
	-1	--	--	EMULATE	--	--	--	61	0	7.61.30
	0	--	--	EMULATE	--	--	--	61	+1	7.61.40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.61.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.61.51
					OTHERS	--	--	00	--	7.61.52

FIG. 110

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.22.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.22.01
					OTHERS	--	--	00	--	7.22.02
32	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	7.32.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.32.01
					OTHERS	--	--	00	--	7.32.02
42	-4	--	--	EMULATE	--	--	--	42	-3	7.42.00
	-3	--	--	EMULATE	--	--	--	42	0	7.42.10
	-2	--	--	EMULATE	--	--	--	42	0	7.42.20
	-1	--	--	EMULATE	--	--	--	42	0	7.42.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.42.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	7.42.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.42.42
					OTHERS	--	--	00	--	7.42.43
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.52.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.52.01
					OTHERS	--	--	00	--	7.52.02
	-4	--	--	EMULATE	--	--	--	62	-3	7.62.00
	-3	--	--	EMULATE	--	--	--	62	0	7.62.10
	-2	--	--	EMULATE	--	--	--	62	0	7.62.20
62	-1	--	--	EMULATE	--	--	--	62	0	7.62.30
	0	--	--	EMULATE	--	--	--	62	+1	7.62.40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.62.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.62.51
					OTHERS	--	--	00	--	7.62.52

FIG. 111

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.33.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.33.01
					OTHERS	--	--	00	--	7.33.02
43	-4	--	--	EMULATE	--	--	--	43	-3	7.43.00
	-3	--	--	EMULATE	--	--	--	43	0	7.43.10
	-2	--	--	EMULATE	--	--	--	43	0	7.43.20
	-1	--	--	EMULATE	--	--	--	43	0	7.43.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.43.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	7.43.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.43.42
						--	--	00	--	7.43.43
53	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.53.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.53.01
					OTHERS	--	--	00	--	7.53.02
63	-4	--	--	EMULATE	--	--	--	63	-3	7.63.00
	-3	--	--	EMULATE	--	--	--	63	0	7.63.10
	-2	--	--	EMULATE	--	--	--	63	0	7.63.20
	-1	--	--	EMULATE	--	--	--	63	0	7.63.30
	0	--	--	EMULATE	--	--	--	63	+1	7.63.40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.63.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.63.51
						--	--	00	--	7.63.52

FIG. 112

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 00. 00
10	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 10. 00
20	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 20. 00
30	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	8. 30. 00
40	-4	SBID+EP	--	REAL WTM	--	--		10	--	8. 40. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 40. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 40. 20
	-1	--	--	EMULATE	--	--	--	40	0	8. 40. 30
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	8. 40. 40
50	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 50. 00
60	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 60. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 60. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 60. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 60. 30
	0	--	--	EMULATE	--	--	--	60	+1	8. 60. 40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 60. 50

FIG. 113

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	8. 31. 00
41	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 41. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 41. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 41. 20
	-1	--	--	EMULATE	--	--	--	41	0	8. 41. 30
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	8. 41. 40
	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 51. 00
51	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 00
61	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 10
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 20
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 30
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 40
	0	--	--	EMULATE	--	--	--	61	+1	8. 61. 50
	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 00
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 50

# FIG. 114

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 22. 00
32	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	8. 32. 00
42	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 42. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 42. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 42. 20
	-1	--	--	EMULATE	--	--	--	42	0	8. 42. 30
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	8. 42. 40
	0	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 52. 00
52	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 00
62	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 10
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 20
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 30
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 40
	0	--	--	EMULATE	--	--	--	62	+1	8. 62. 50
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 00
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 50

FIG. 115

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	8. 33. 00
43	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 43. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 43. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 43. 20
	-1	--	--	EMULATE	--	--	--	43	0	8. 43. 30
	0	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	8. 43. 40
	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 53. 00
63	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	8. 63. 40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 50



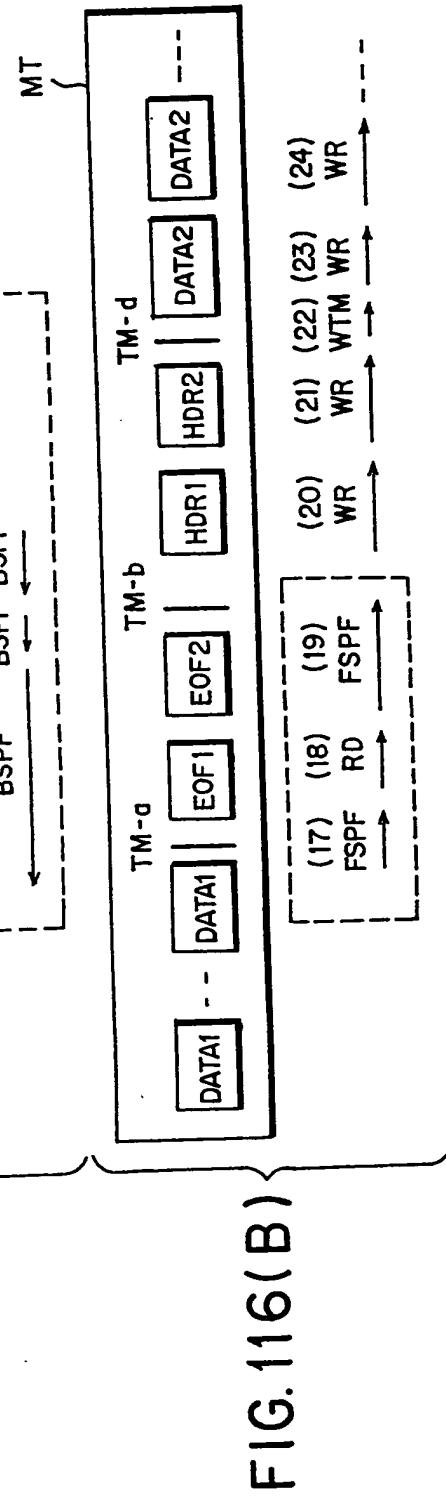
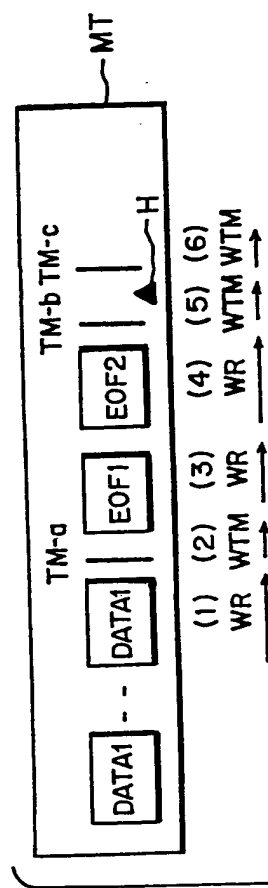


FIG. 117(A)

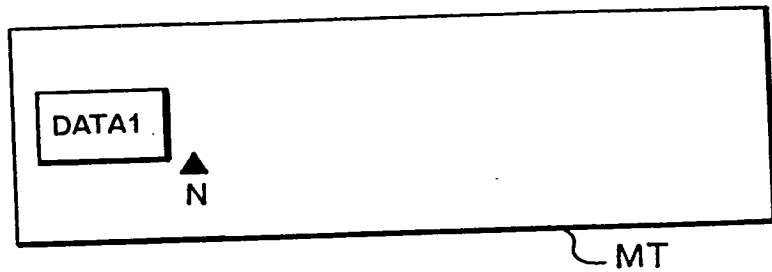


FIG. 117(B)

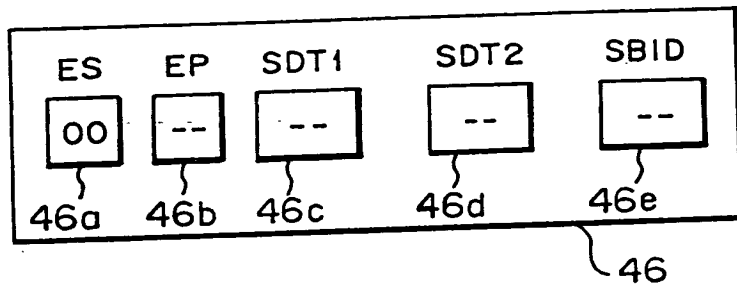


FIG. 118(A)

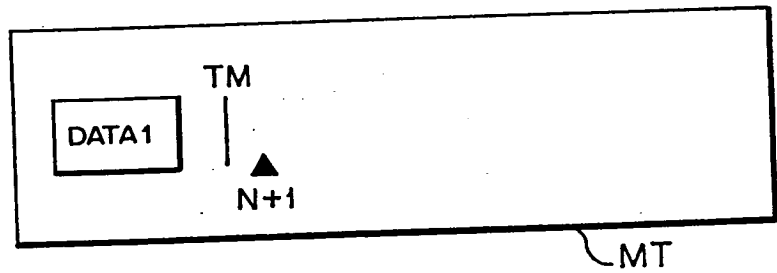


FIG. 118(B)

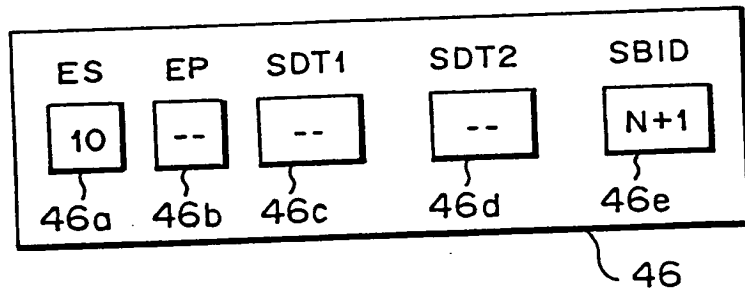


FIG. 119(A)

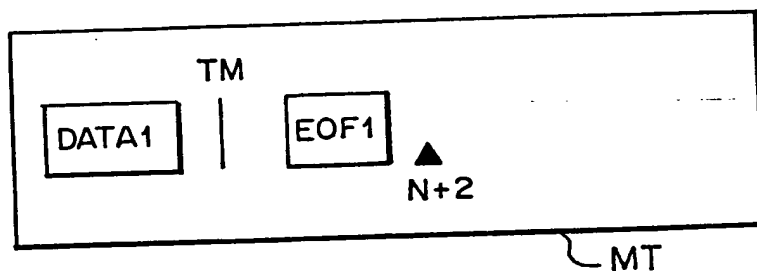


FIG. 119(B)

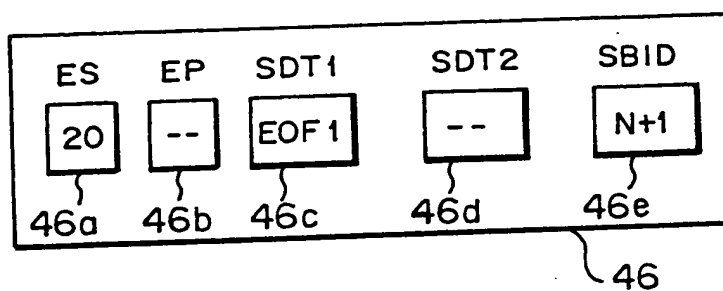


FIG. 120(A)

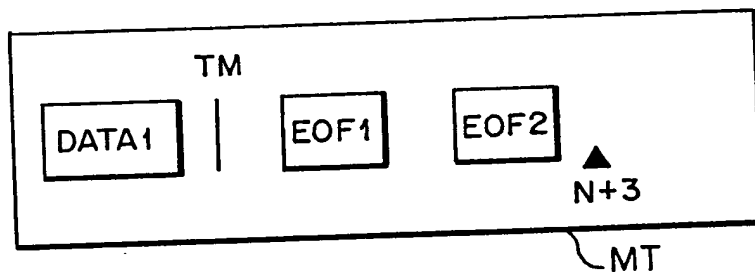


FIG. 120(B)

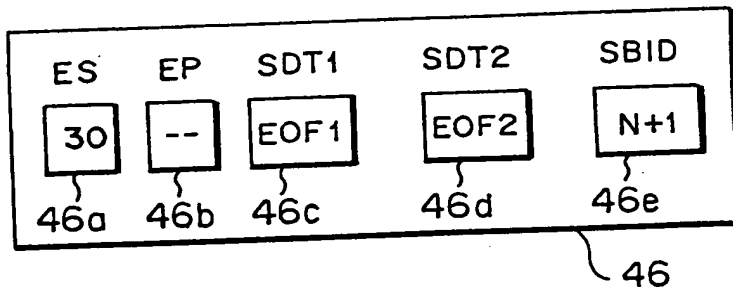


FIG. 121(A)

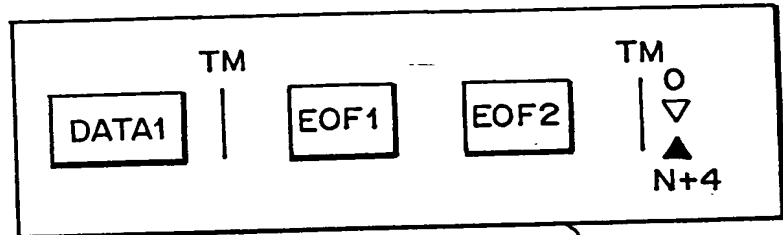


FIG. 121(B)

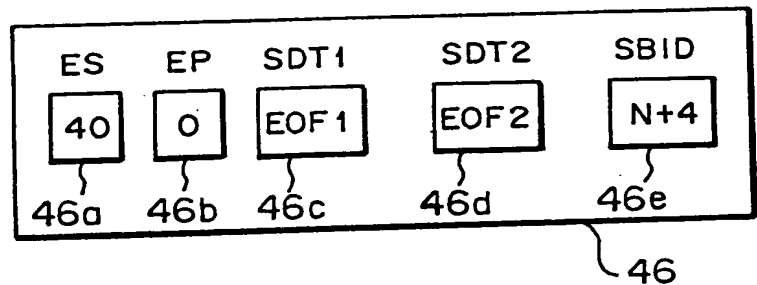


FIG. 122(A)

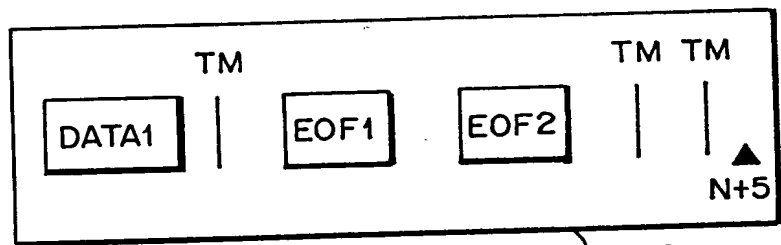


FIG. 122(B)

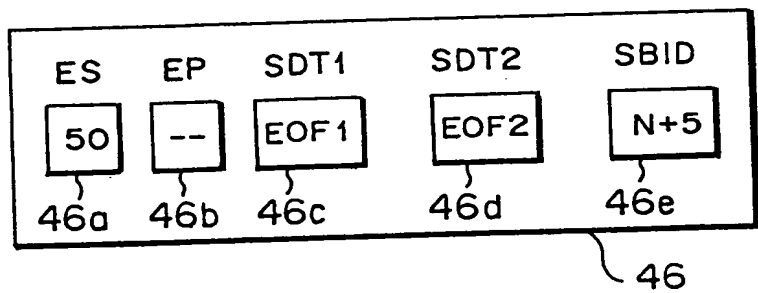


FIG. 123(A)

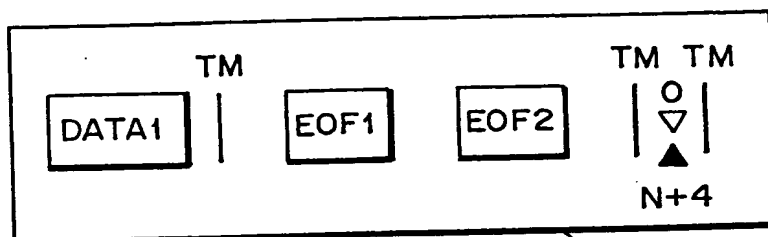


FIG. 123(B)

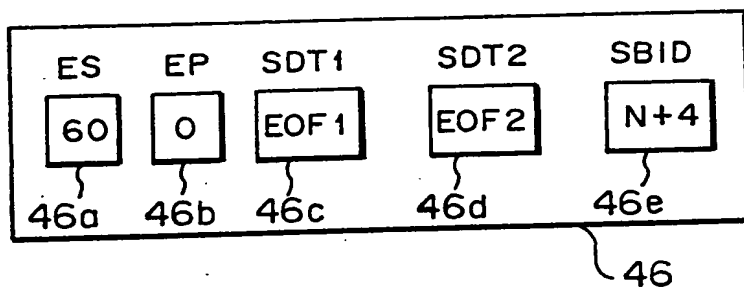


FIG. 124(A)

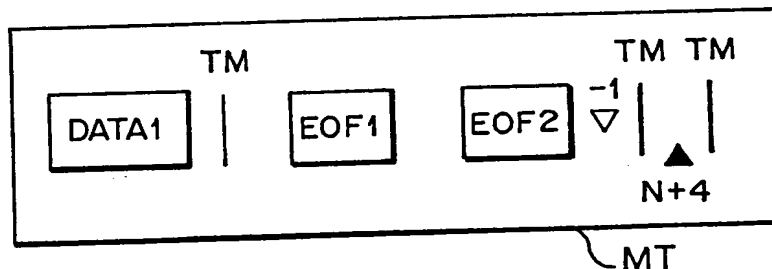


FIG. 124(B)

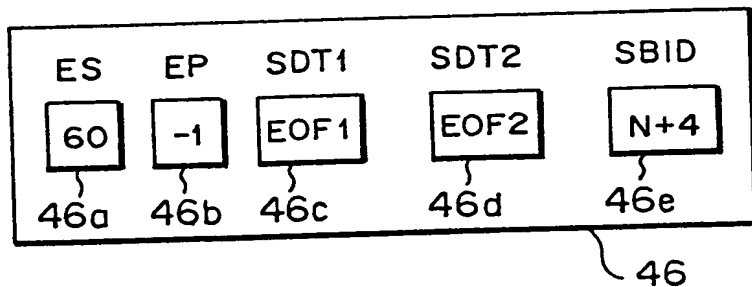


FIG. 125(A)

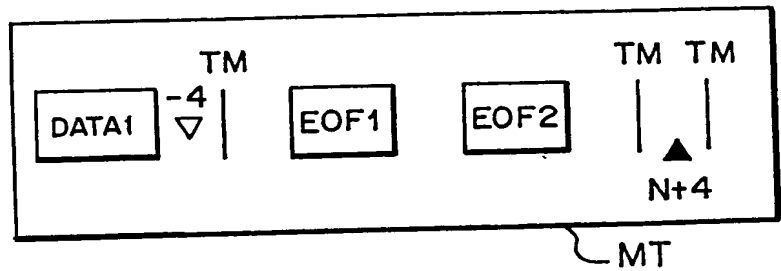


FIG. 125(B)

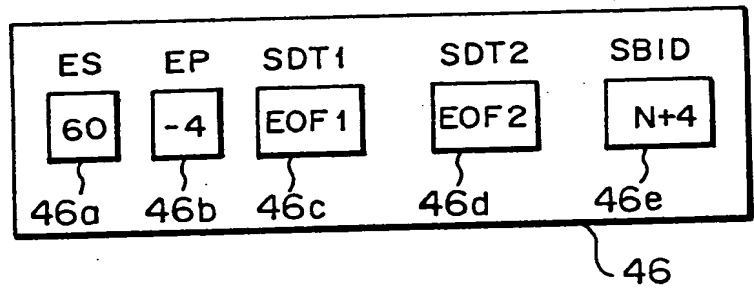


FIG. 126(A)

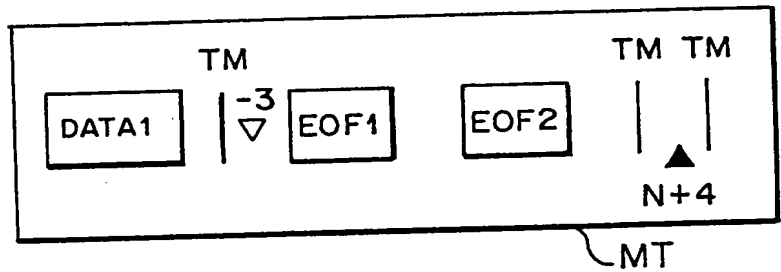


FIG. 126(B)

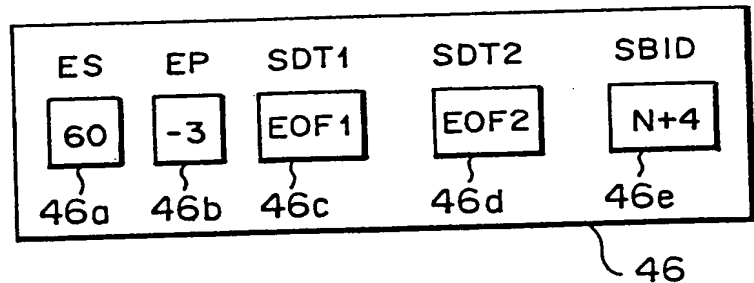


FIG. 127(A)

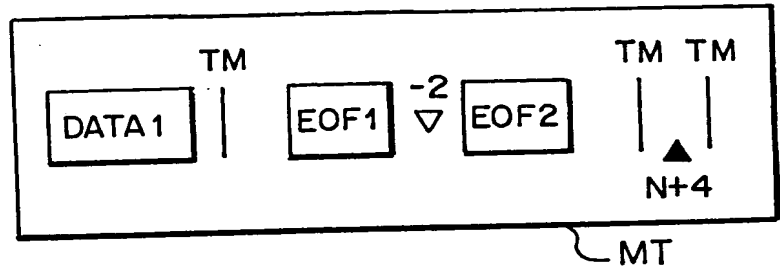


FIG. 127(B)

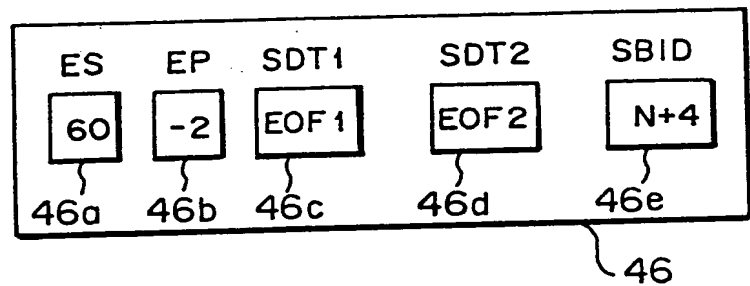


FIG. 128(A)

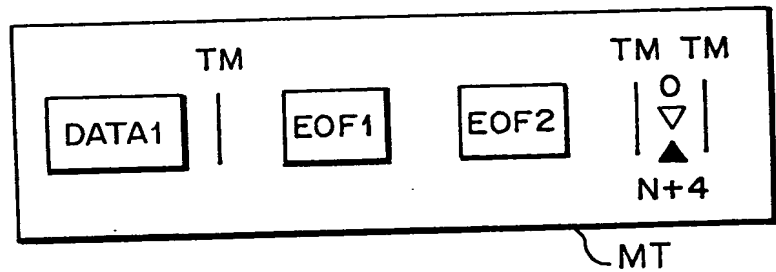


FIG. 128(B)

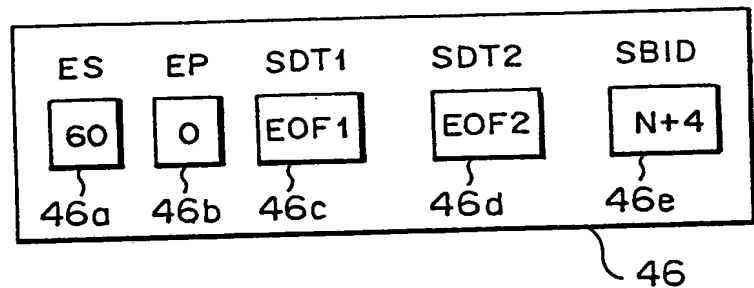


FIG. 129(A)

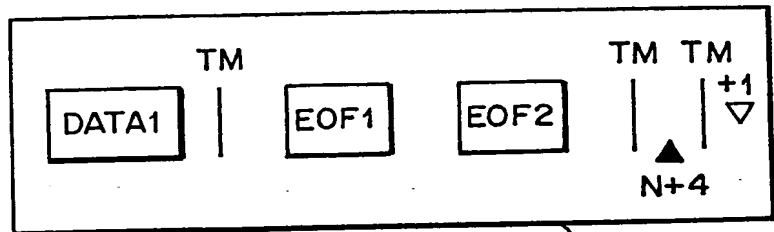


FIG. 129(B)

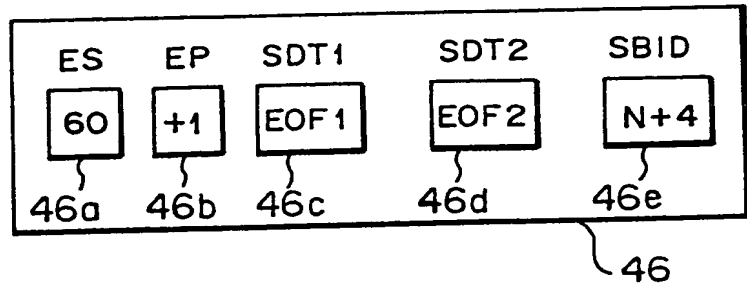


FIG. 130(A)

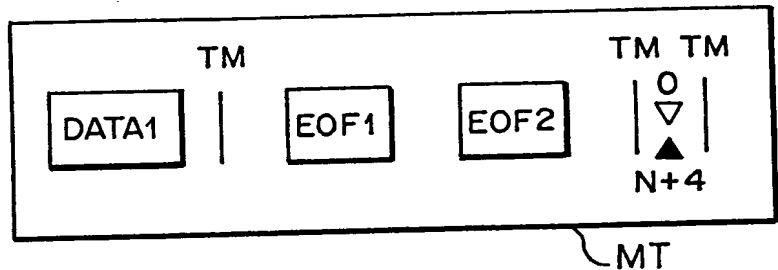


FIG. 130(B)

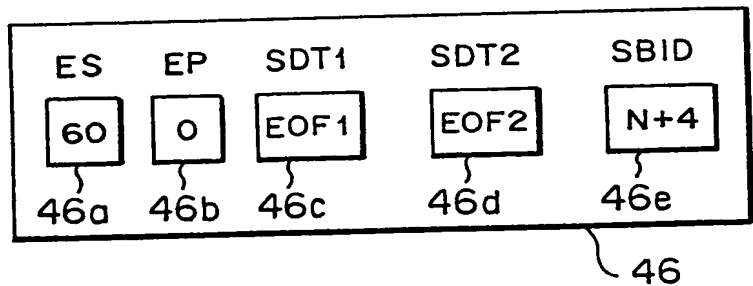




FIG. 131(A)

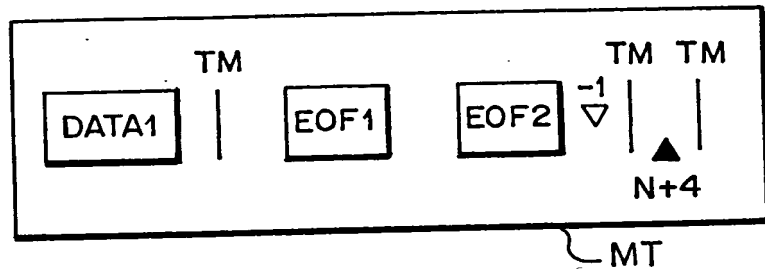


FIG. 131(B)

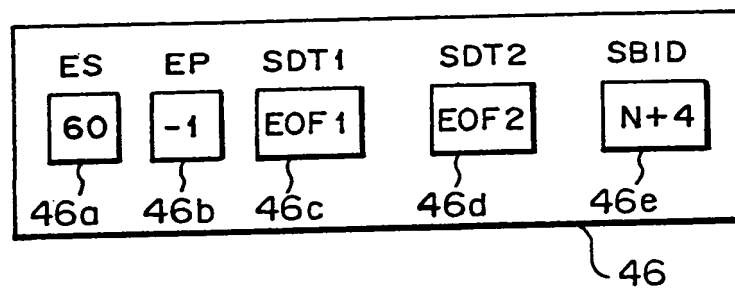


FIG. 132(A)

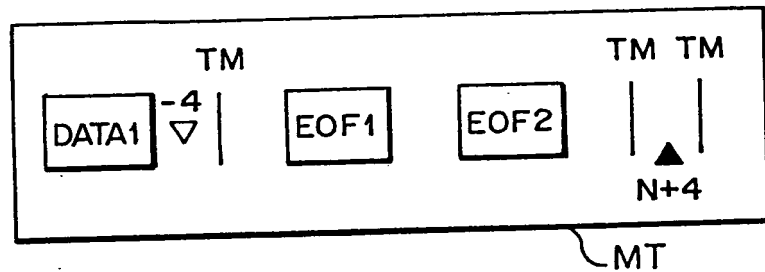


FIG. 132(B)

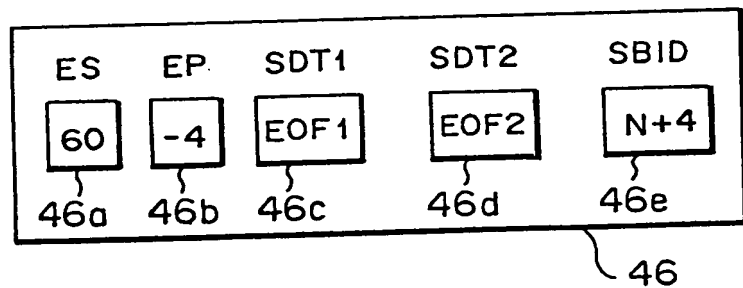


FIG. 133(A)

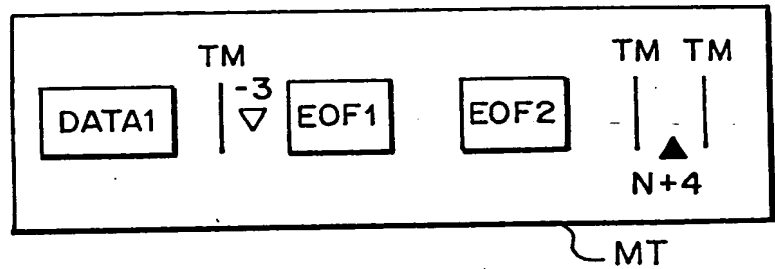


FIG. 133(B)

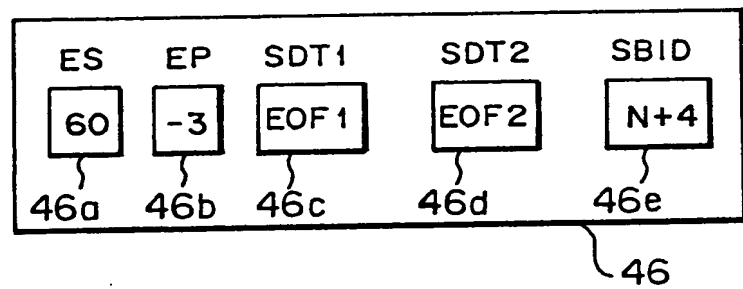


FIG. 134(A)

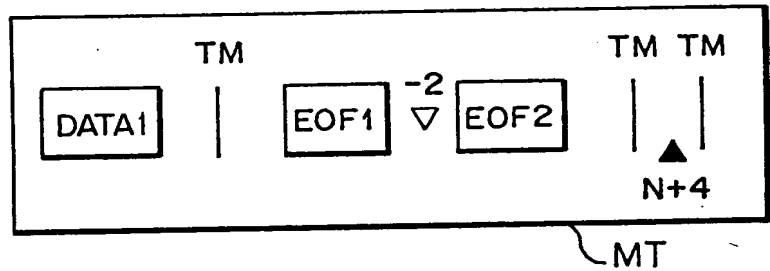
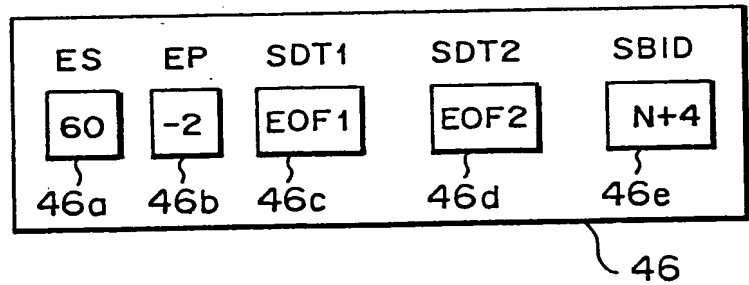


FIG. 134(B)



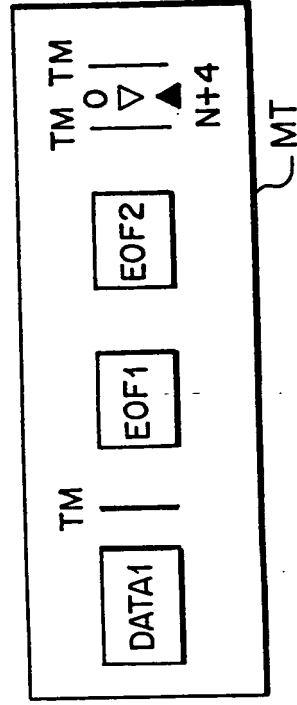


FIG. 135(A)

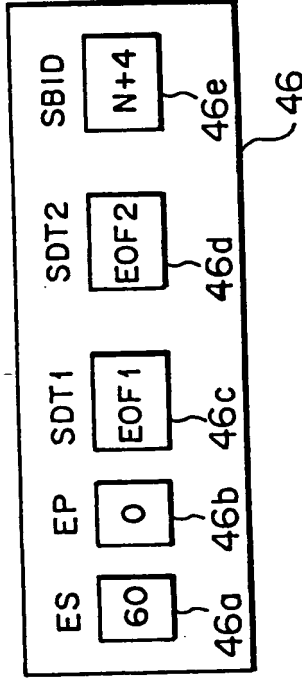


FIG. 135(B)

FIG. 136(A)

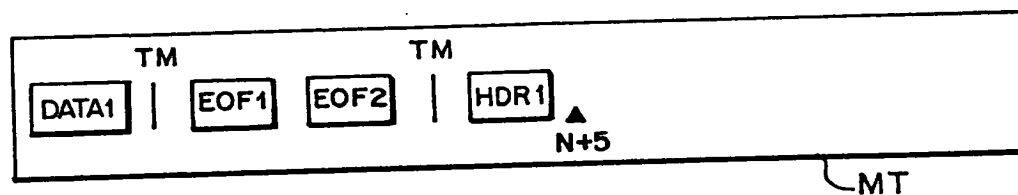


FIG. 136(B)

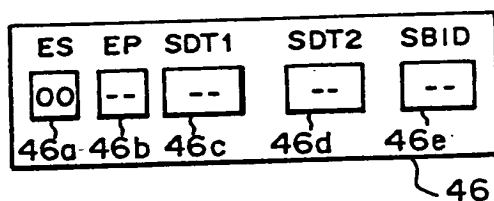


FIG. 137(A)

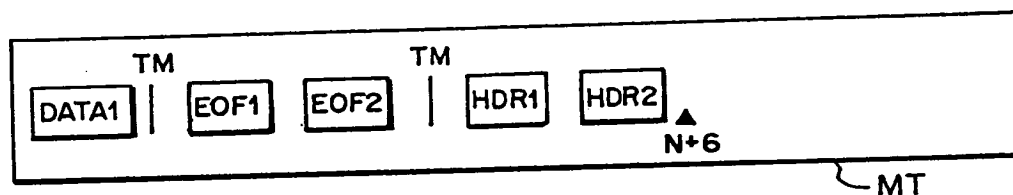


FIG. 137(B)

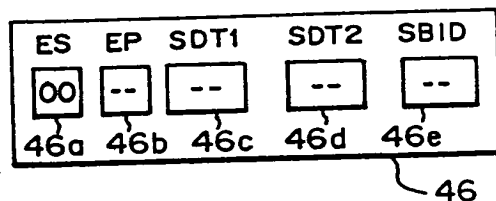


FIG. 138(A)

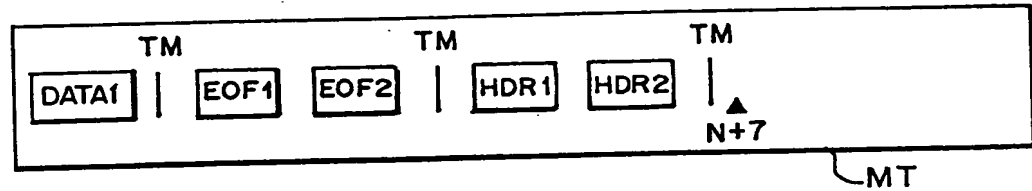


FIG. 138(B)

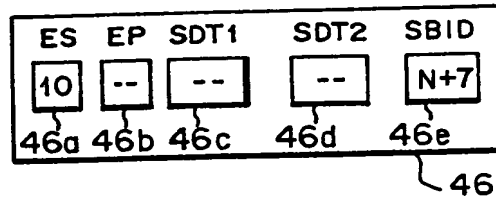


FIG. 139(A)

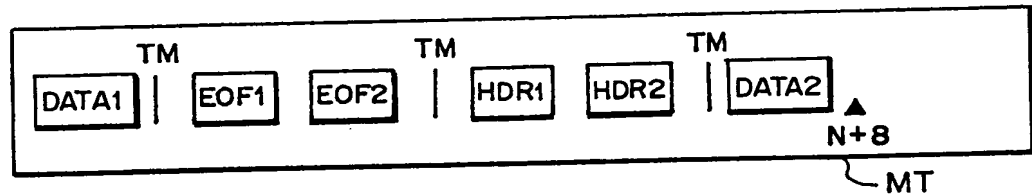


FIG. 139(B)

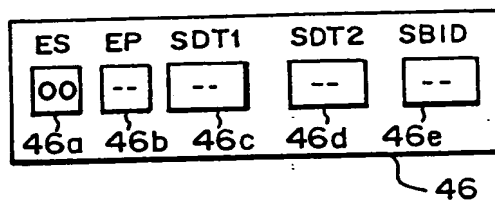


FIG. 140(A)

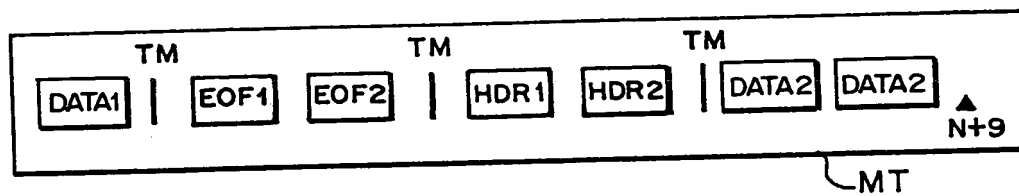


FIG. 140(B)

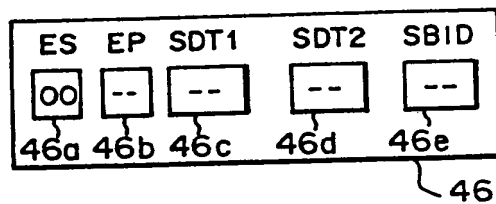


FIG. 141

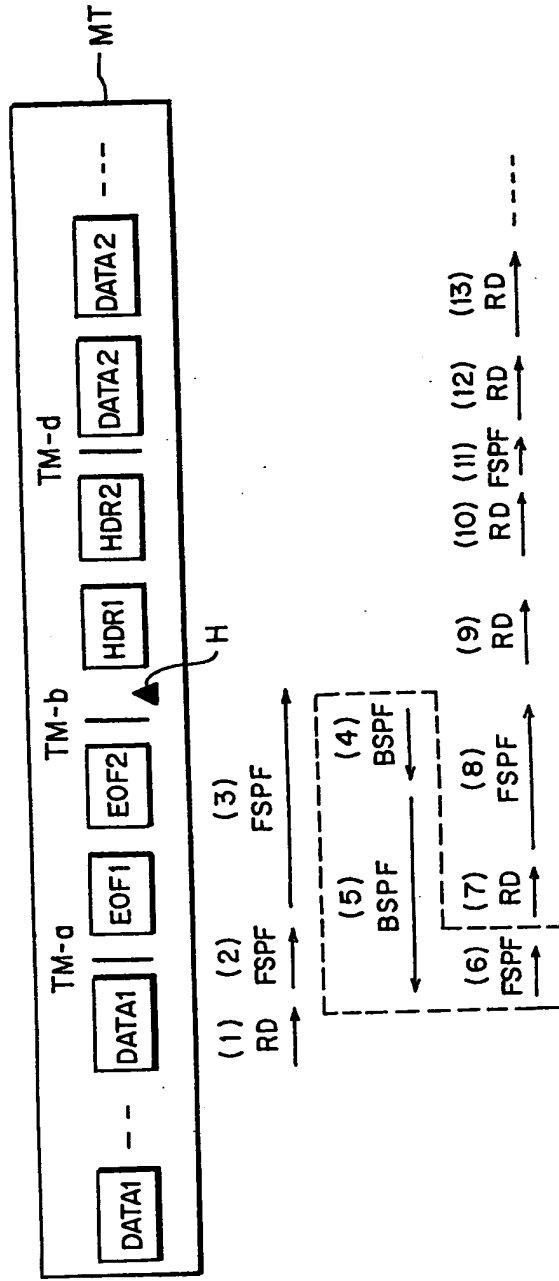


FIG. 142(A)

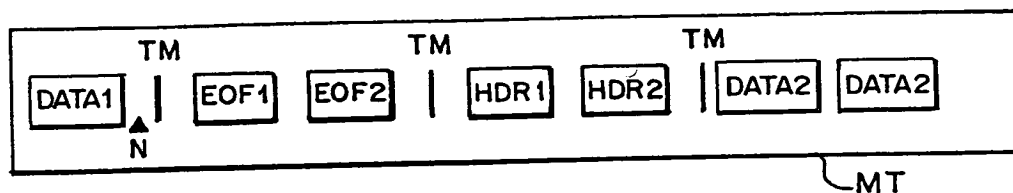


FIG. 142(B)

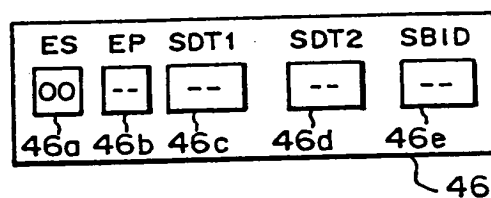


FIG. 143(A)

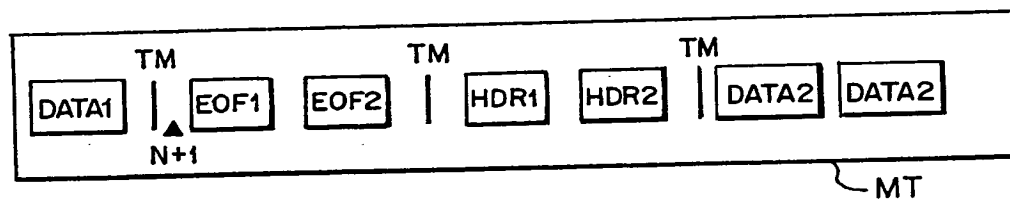


FIG. 143(B)

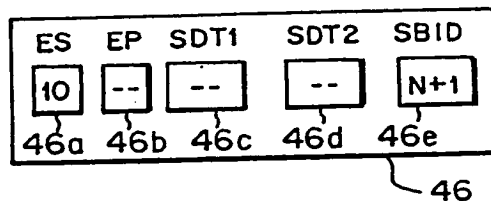




FIG. 144(A)

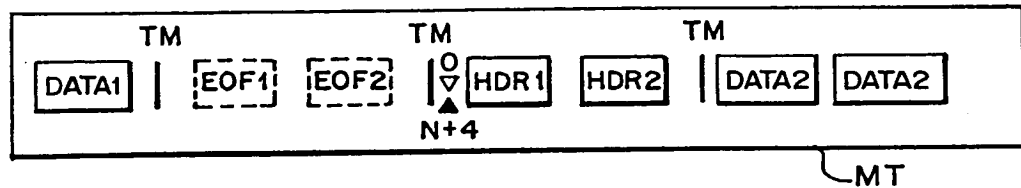


FIG. 144(B)

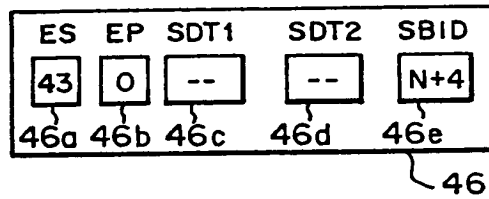


FIG. 145(A)

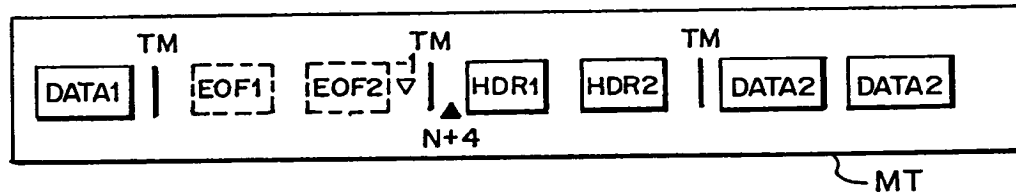


FIG. 145(B)

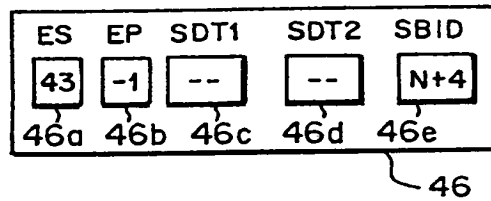


FIG. 146(A)

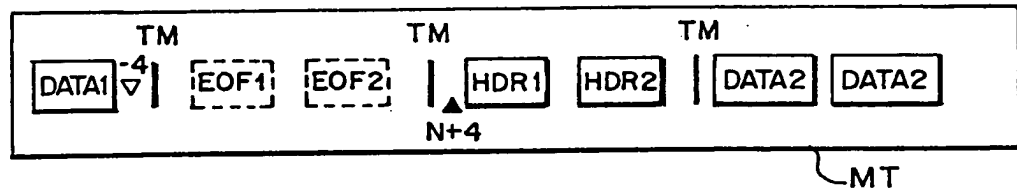


FIG. 146(B)

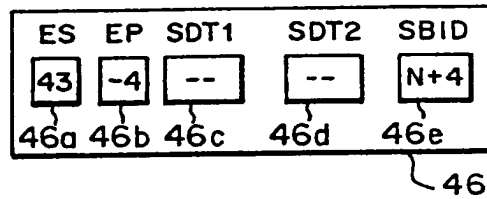


FIG. 147(A)

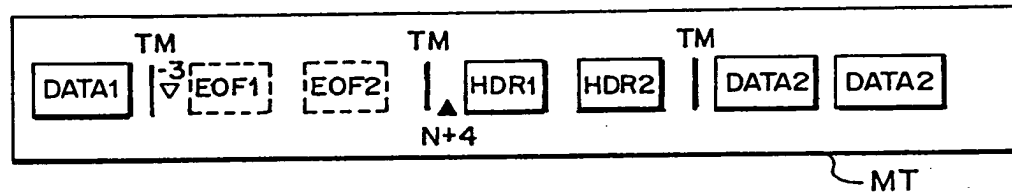


FIG. 147(B)

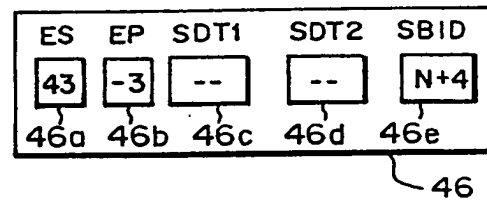


FIG. 148(A)

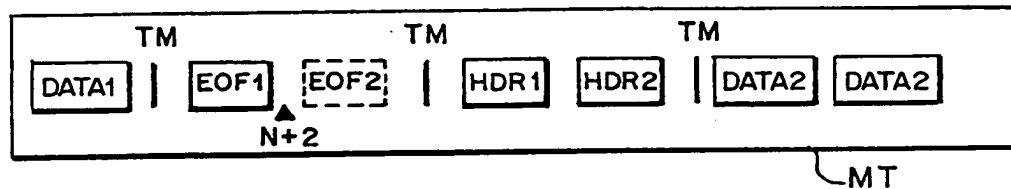


FIG. 148(B)

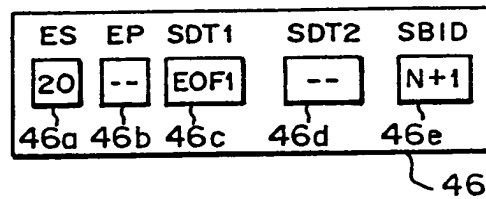


FIG. 149(A)

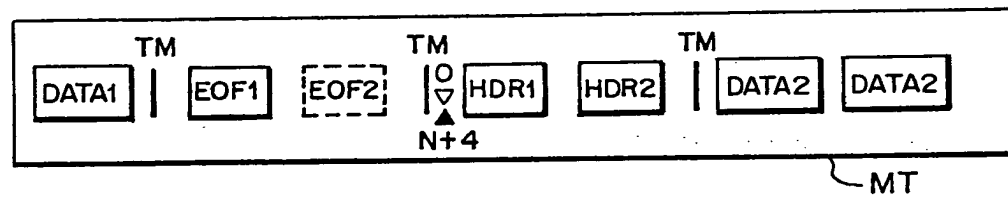


FIG. 149(B)

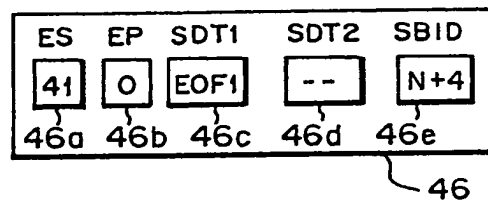


FIG. 150(A)

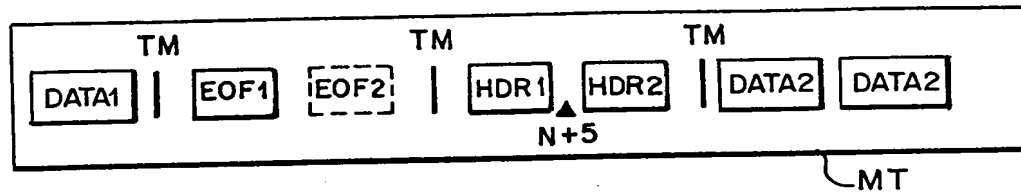


FIG. 150(B)

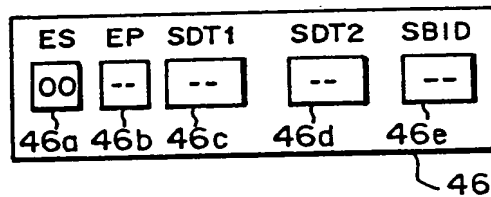


FIG. 151(A)

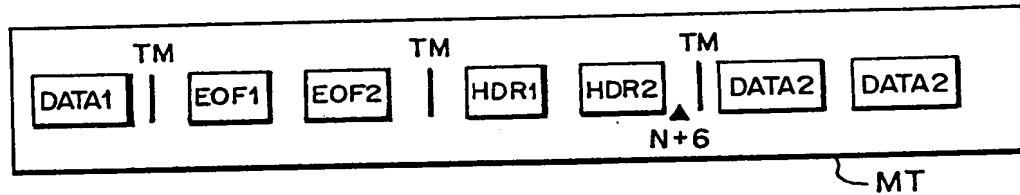


FIG. 151(B)

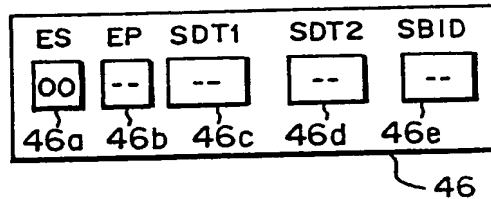


FIG. 152(A)

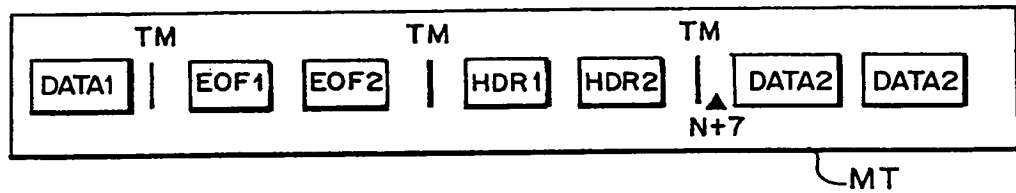


FIG. 152(B)

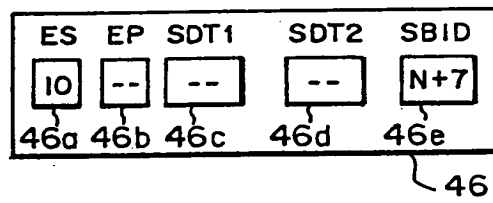


FIG. 153(A)

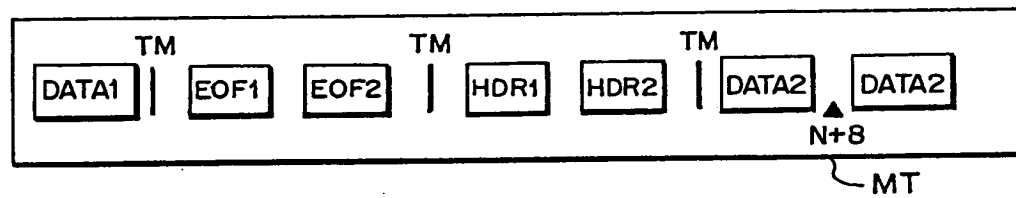


FIG. 153(B)

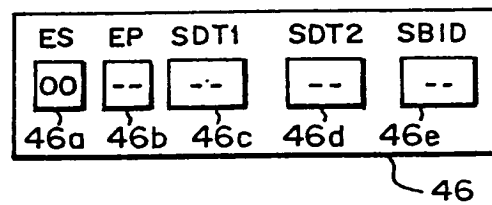


FIG. 154(A)

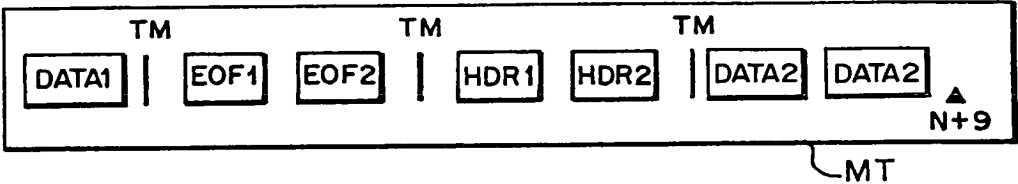
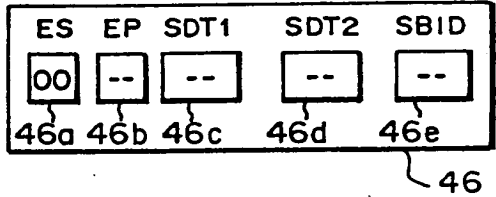


FIG. 154(B)



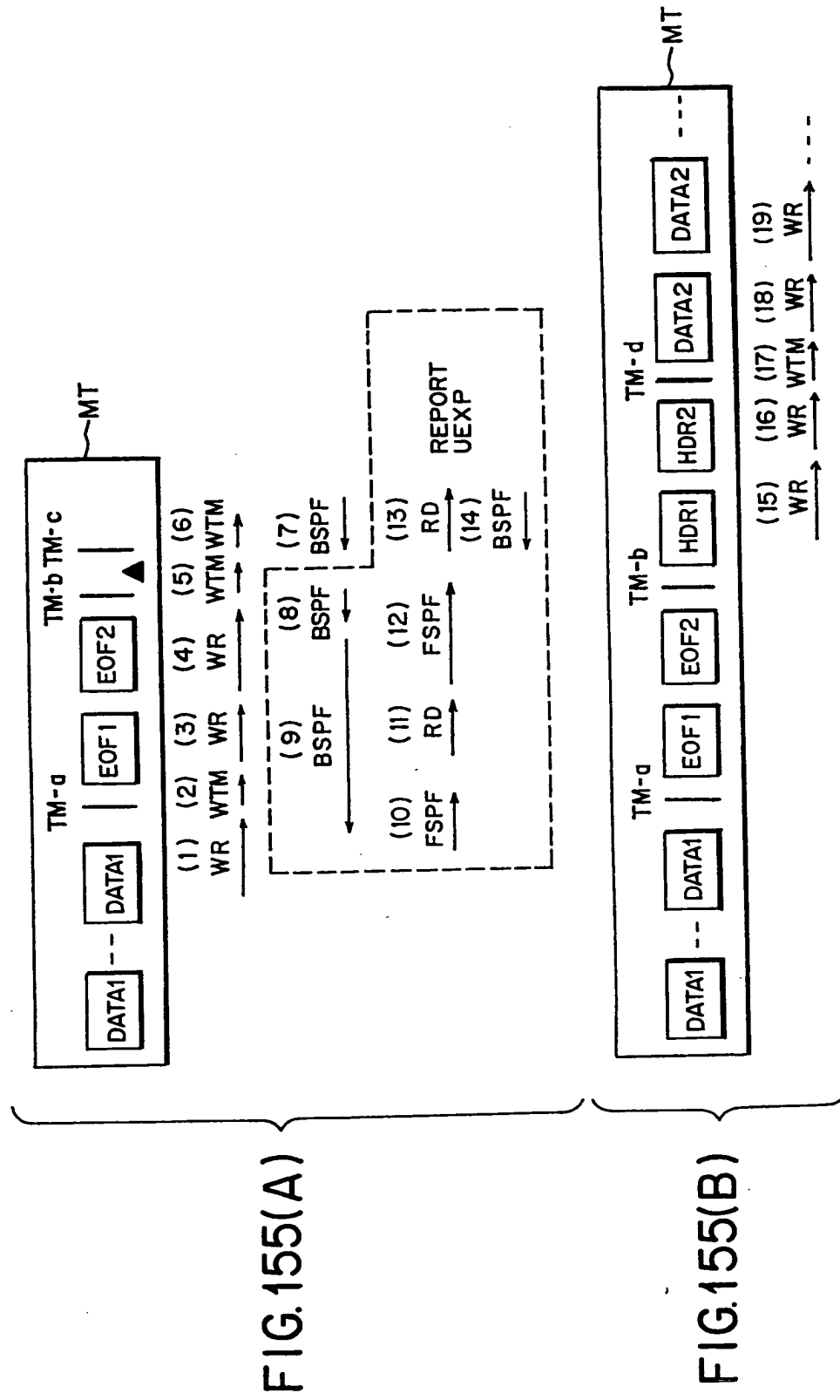


FIG. 156

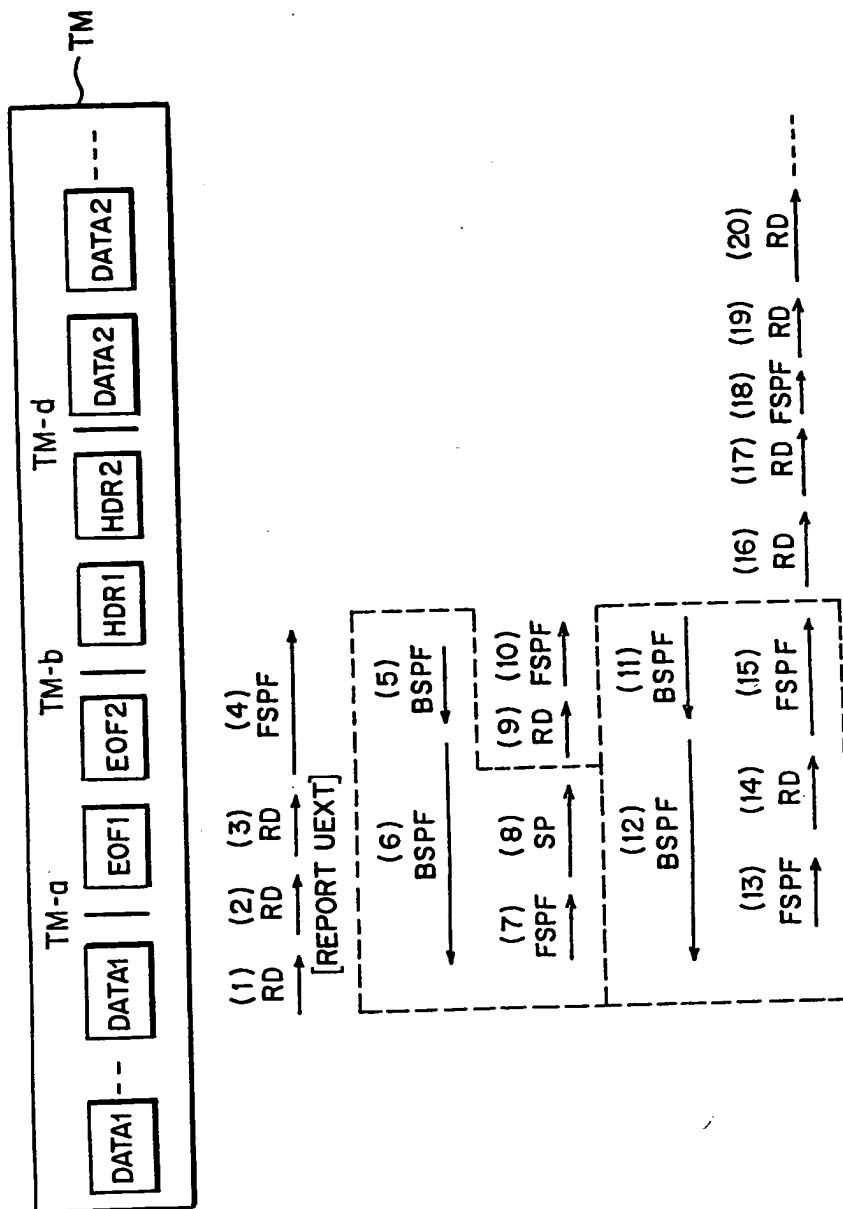




FIG. 157(A)

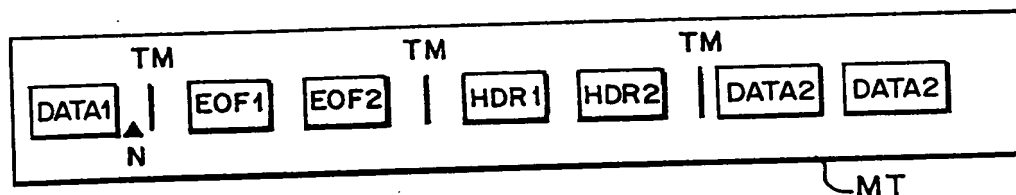


FIG. 157(B)

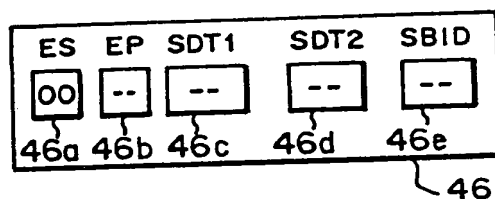


FIG. 158(A)

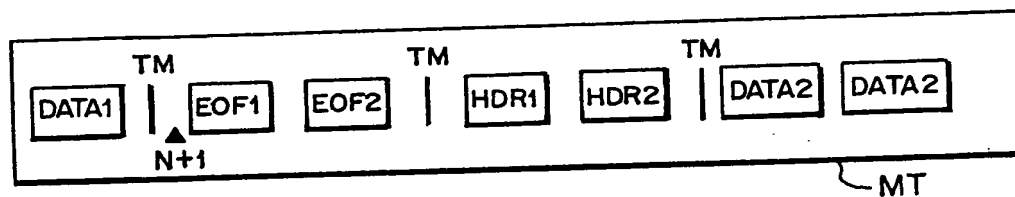


FIG. 158(B)

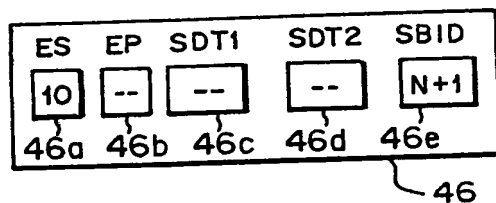


FIG. 159(A)

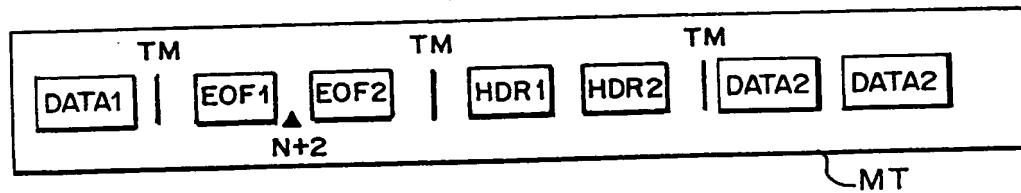


FIG. 159(B)

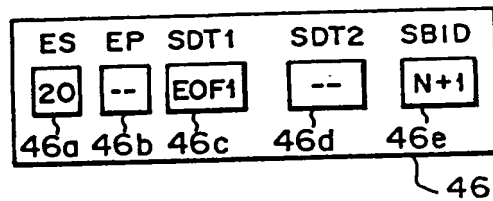


FIG. 160(A)

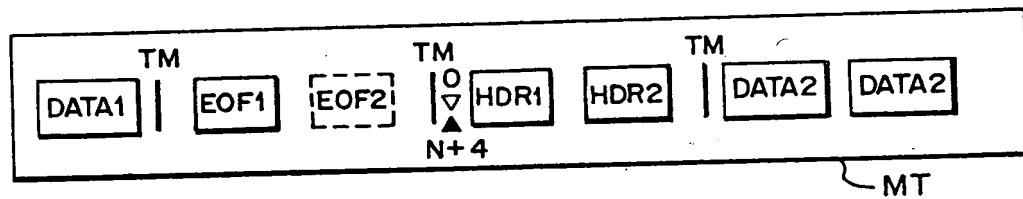


FIG. 160(B)

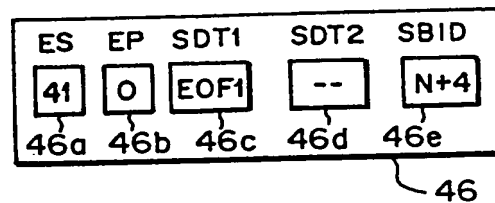


FIG. 161(A)

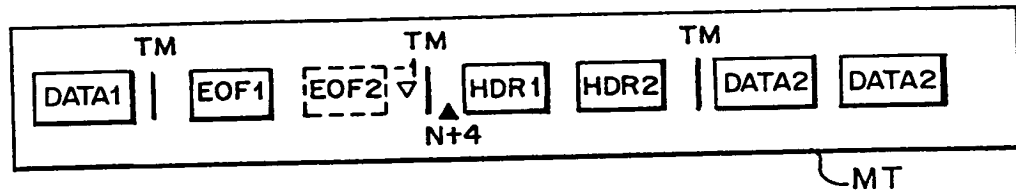


FIG. 161(B)

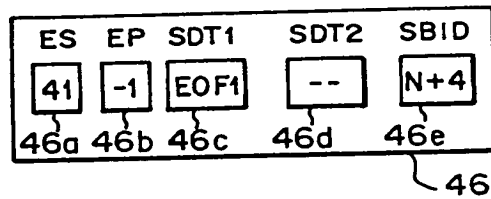


FIG. 162(A)

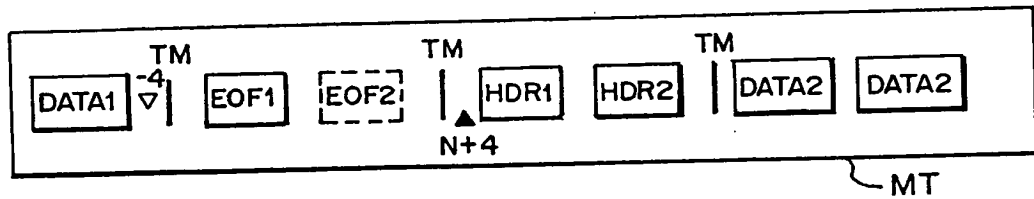


FIG. 162(B)

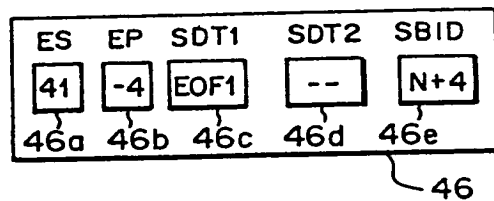


FIG. 163(A)

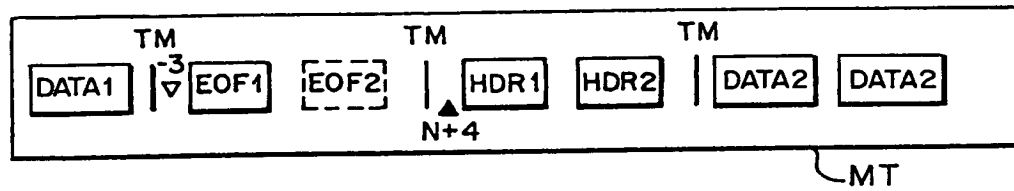


FIG. 163(B)

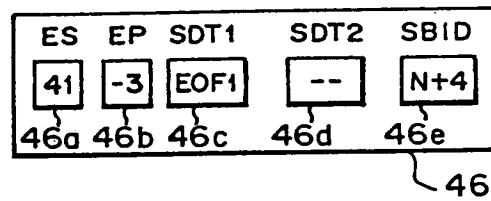


FIG. 164(A)

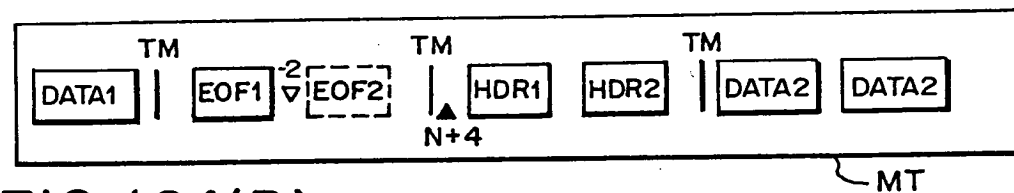


FIG. 164(B)

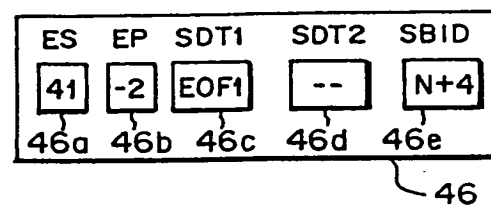


FIG. 165(A)

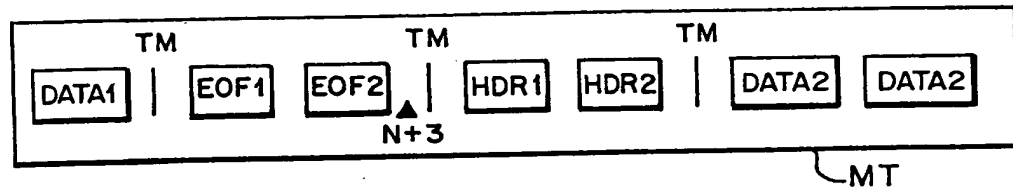


FIG. 165(B)

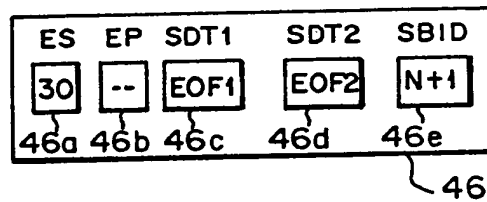


FIG. 166(A)

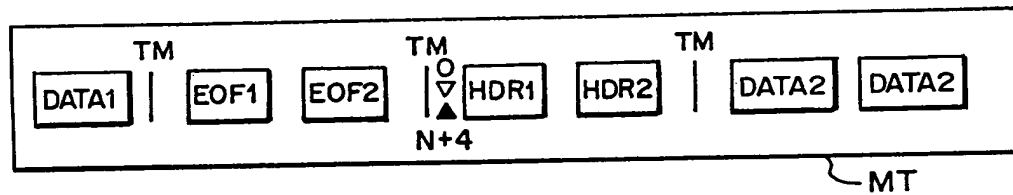


FIG. 166(B)

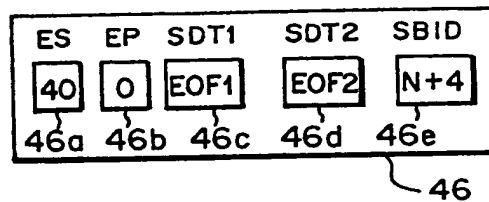


FIG. 167(A)

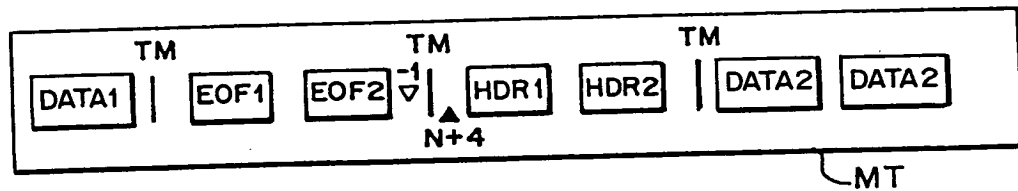


FIG. 167(B)

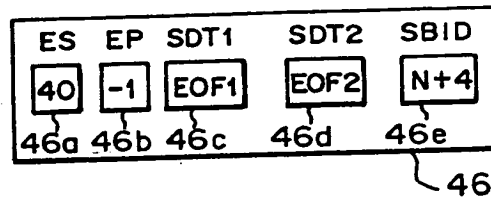


FIG. 168(A)

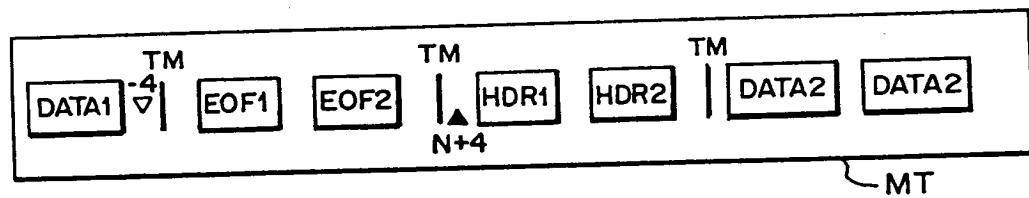


FIG. 168(B)

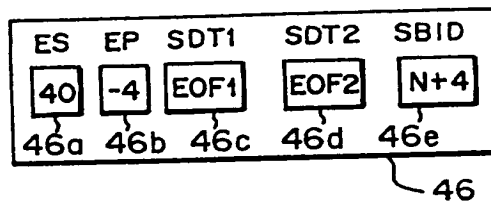


FIG. 169(A)

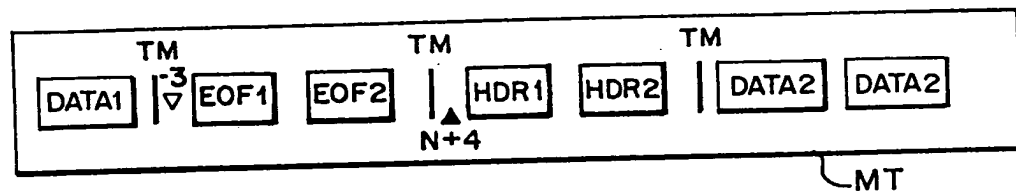


FIG. 169(B)

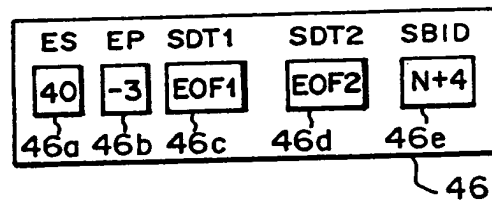


FIG. 170(A)

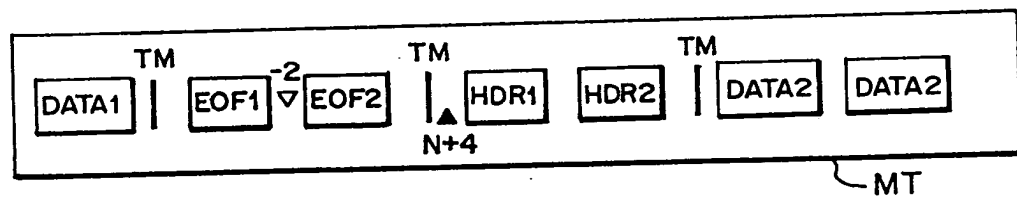


FIG. 170(B)

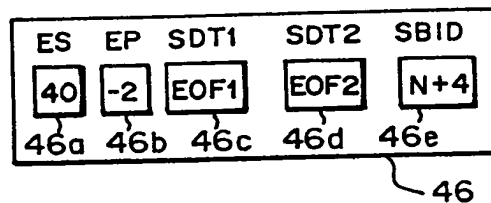


FIG. 171(A)

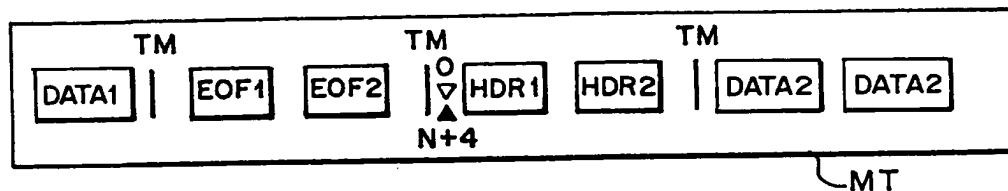


FIG. 171(B)

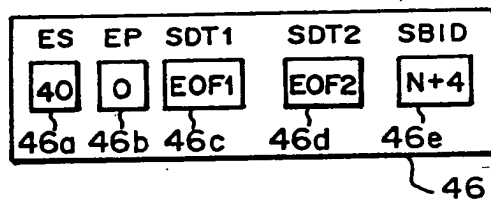


FIG. 172(A)

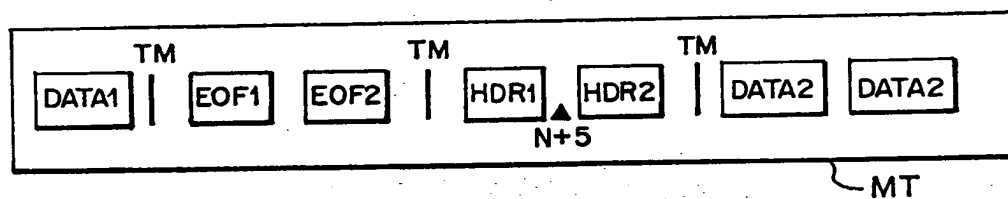
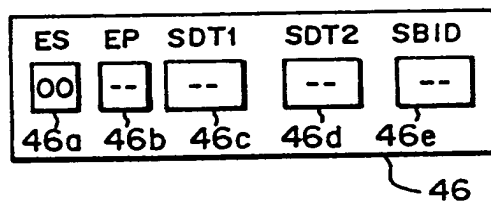


FIG. 172(B)





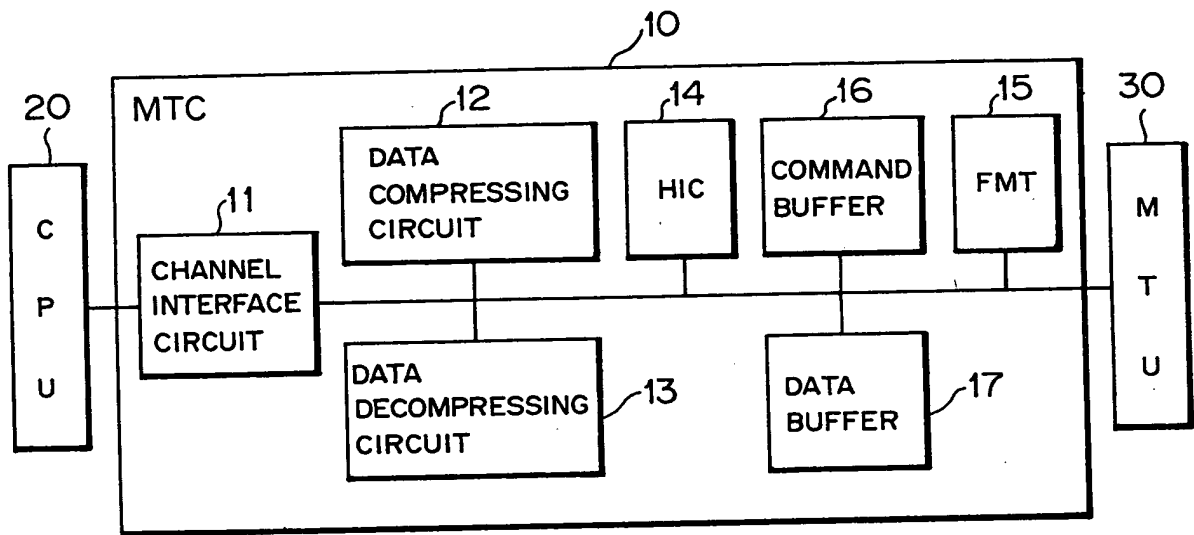
# FIG.173

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001561	0. 001561	(1)
FSPF	0. 453726	0. 453726	(2)
FSPF	0. 453545	0. 453545	(3)
NOP	0. 293952	0. 293952	
LDSP	0. 000525	0. 000525	
LDSP	0. 000456	0. 000456	
LDSP	0. 000492	0. 000492	
NOP	0. 000498	0. 000498	
SNIO	0. 002933	0. 002933	
RDVC	0. 000591	0. 000591	
NOP	0. 000495	0. 000495	
SNS	0. 002706	0. 002706	
LDSP	0. 000425	0. 000425	
BSPF	0. 000581	0. 000500	(4)
BSPF	0. 457145	0. 000500	(5)
FSPF	0. 290540	0. 000500	(6)
RD	0. 531764	0. 531764	(7)
FSPF	1. 409729	1. 409729	(8)
RD	0. 369065	0. 369065	(9)
RD	0. 003179	0. 003179	(10)
FSPF	0. 657888	0. 657888	(11)
NOP	0. 454188	0. 454188	
RD	0. 127053	0. 127053	(12)
RD	0. 001793	0. 001793	(13)
TOTAL	5. 514830	4. 768064	SECOND

# FIG.174

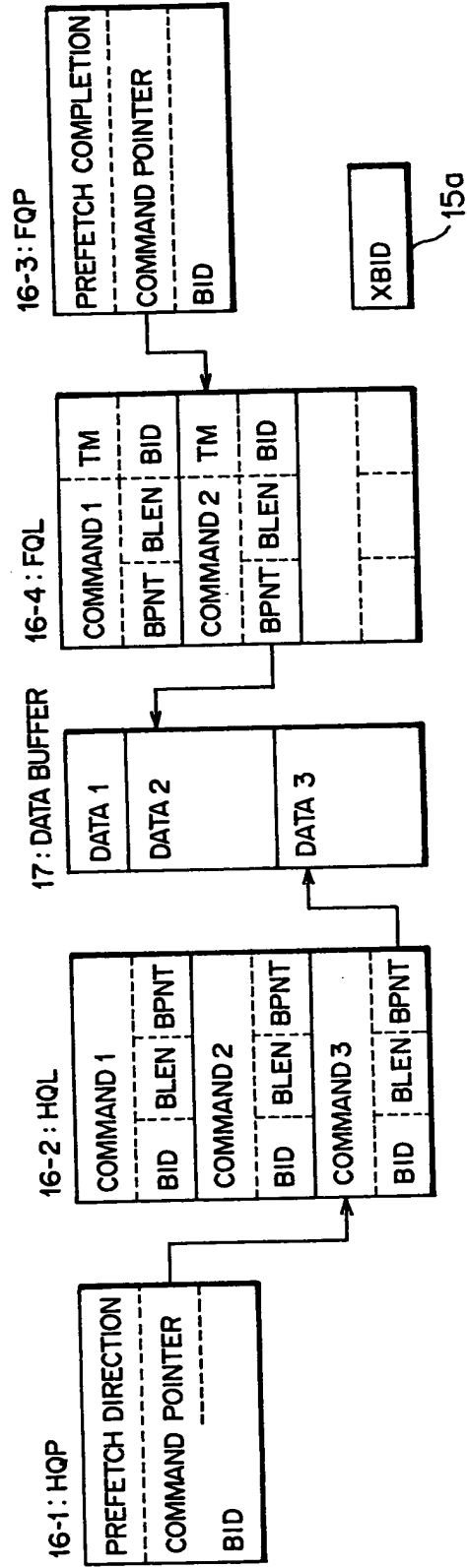
COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
RD	0. 001500	0. 001500	(1)
RD	0. 581100	0. 581100	(2)
RD	0. 531700	0. 531700	(3)
FSPF	1. 409700	1. 409700	(4)
BSPF	0. 000500	0. 000500	(5)
BSPF	0. 457100	0. 000500	(6)
FSPF	0. 290900	0. 000500	(7)
SP	0. 531400	0. 000500	(8)
RD	0. 531400	0. 531400	(9)
FSPF	0. 141400	0. 141400	(10)
LDSP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
NOP	0. 000500	0. 000500	
LDSP	0. 000500	0. 000500	
BSPF	0. 000500	0. 000500	(11)
BSPF	0. 457100	0. 000500	(12)
FSPF	0. 290500	0. 000500	(13)
RD	0. 531700	0. 000500	(14)
FSPF	1. 409700	0. 000500	(15)
RD	0. 369000	0. 369000	(16)
RD	0. 003100	0. 003100	(17)
LDSP	0. 000500	0. 000500	
FSPF	0. 657800	0. 657800	(18)
NOP	0. 454100	0. 454100	
LDSP	0. 000500	0. 000500	
RD	0. 127000	0. 127000	(19)
RD	0. 001700	0. 001700	(20)
TOTAL	8. 781900	4. 817000	SECOND

**FIG. 175**  
RELATED ART



# FIG. 176

RELATED ART



# FIG. 177

## RELATED ART

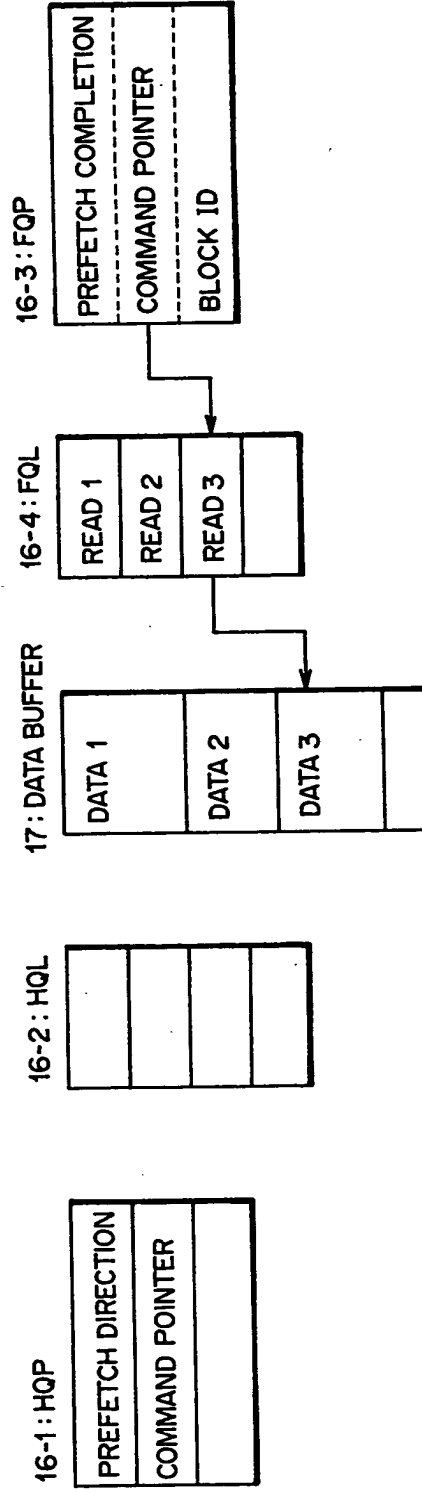


FIG. 178

RELATED ART

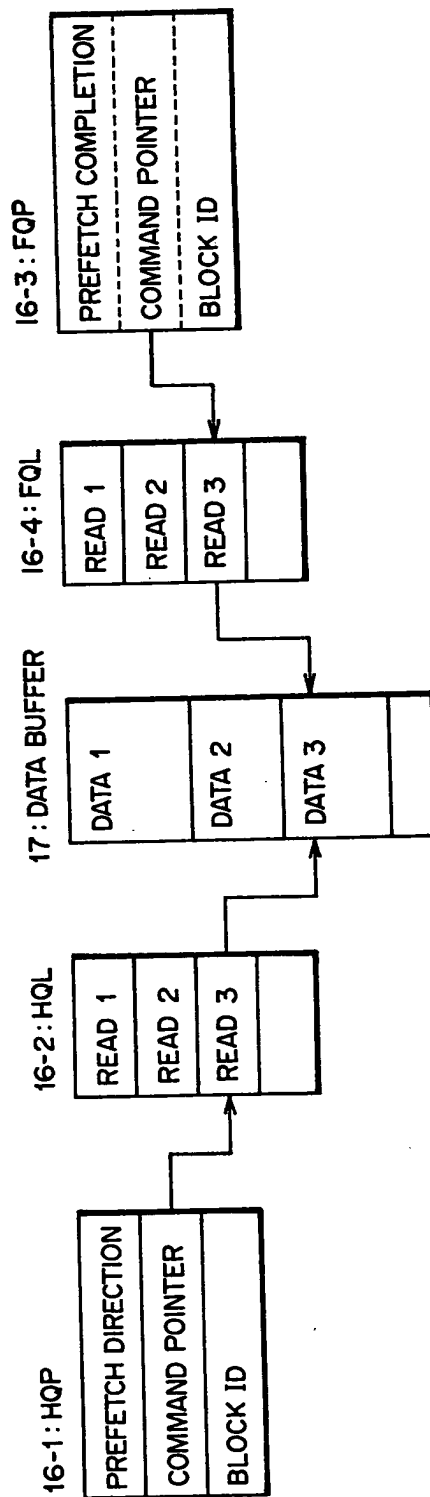


FIG. 179

RELATED ART

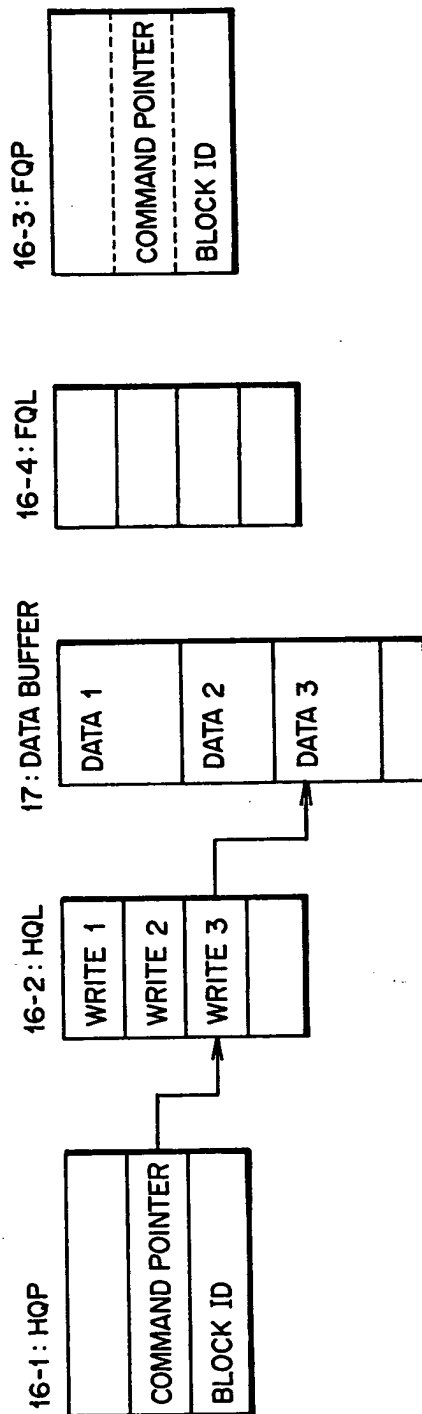


FIG. 180  
RELATED ART

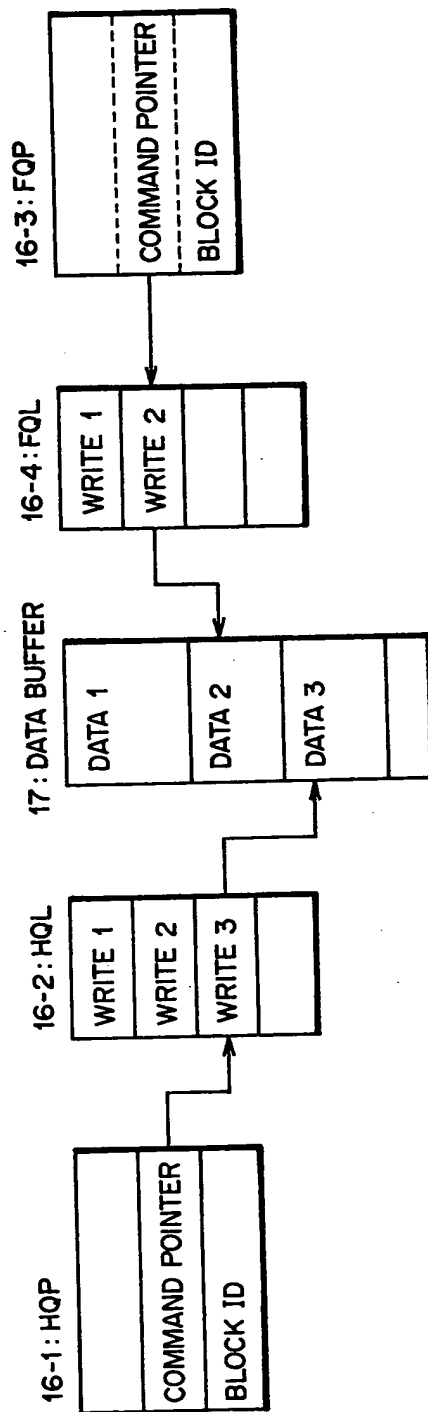




FIG. 181  
RELATED ART

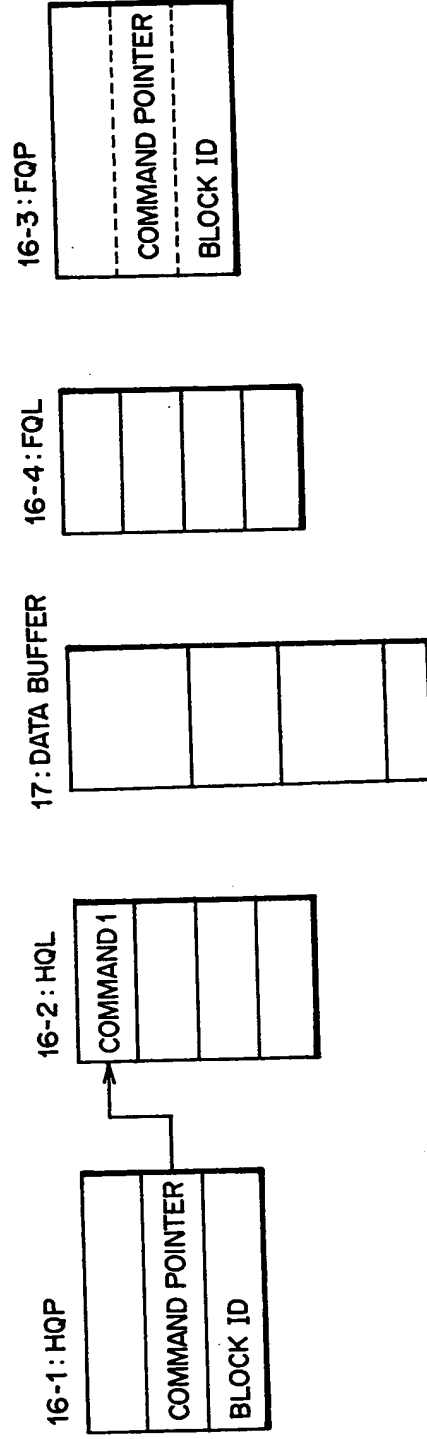
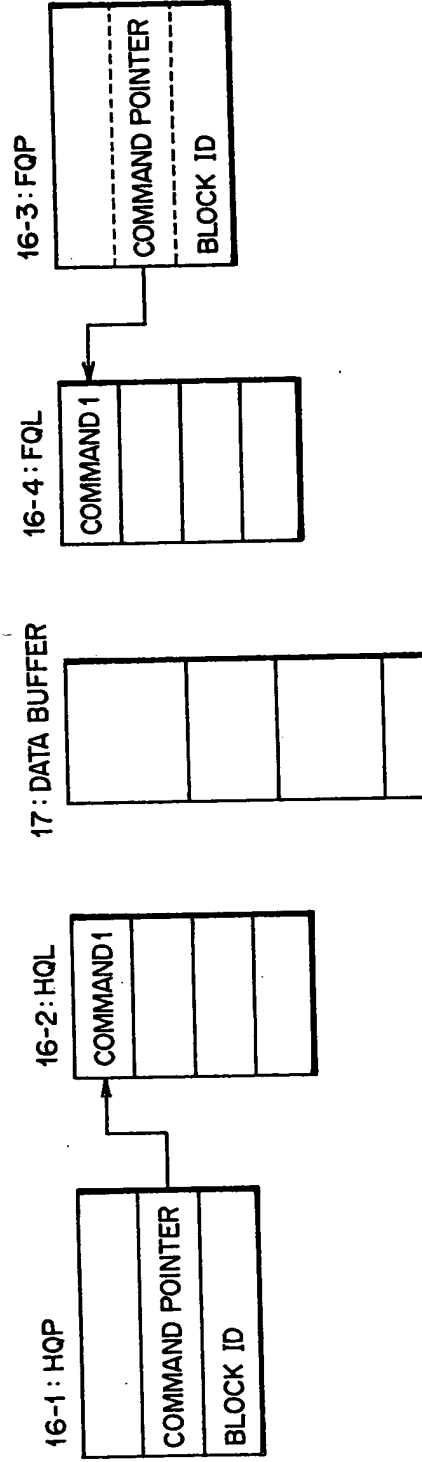
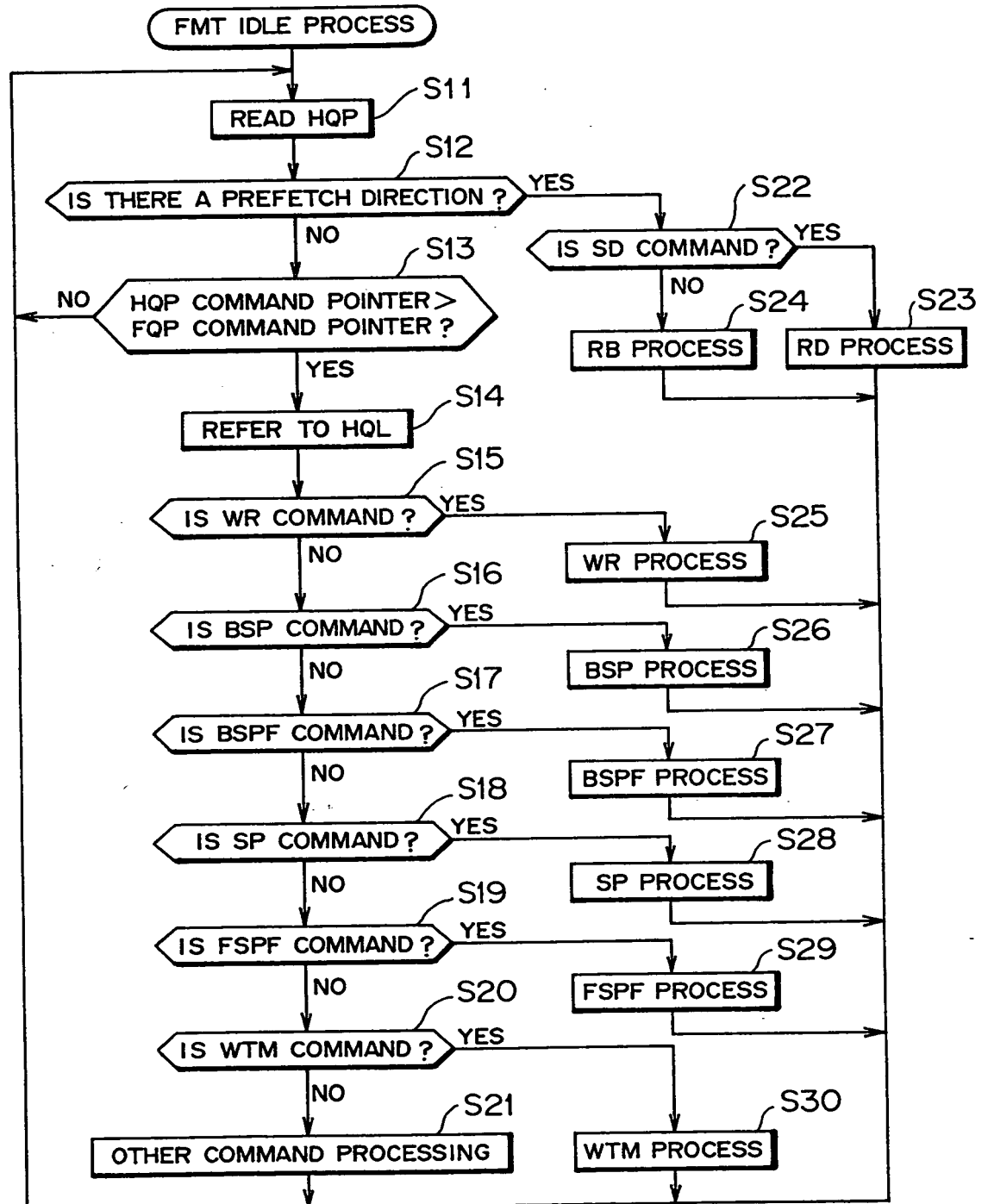


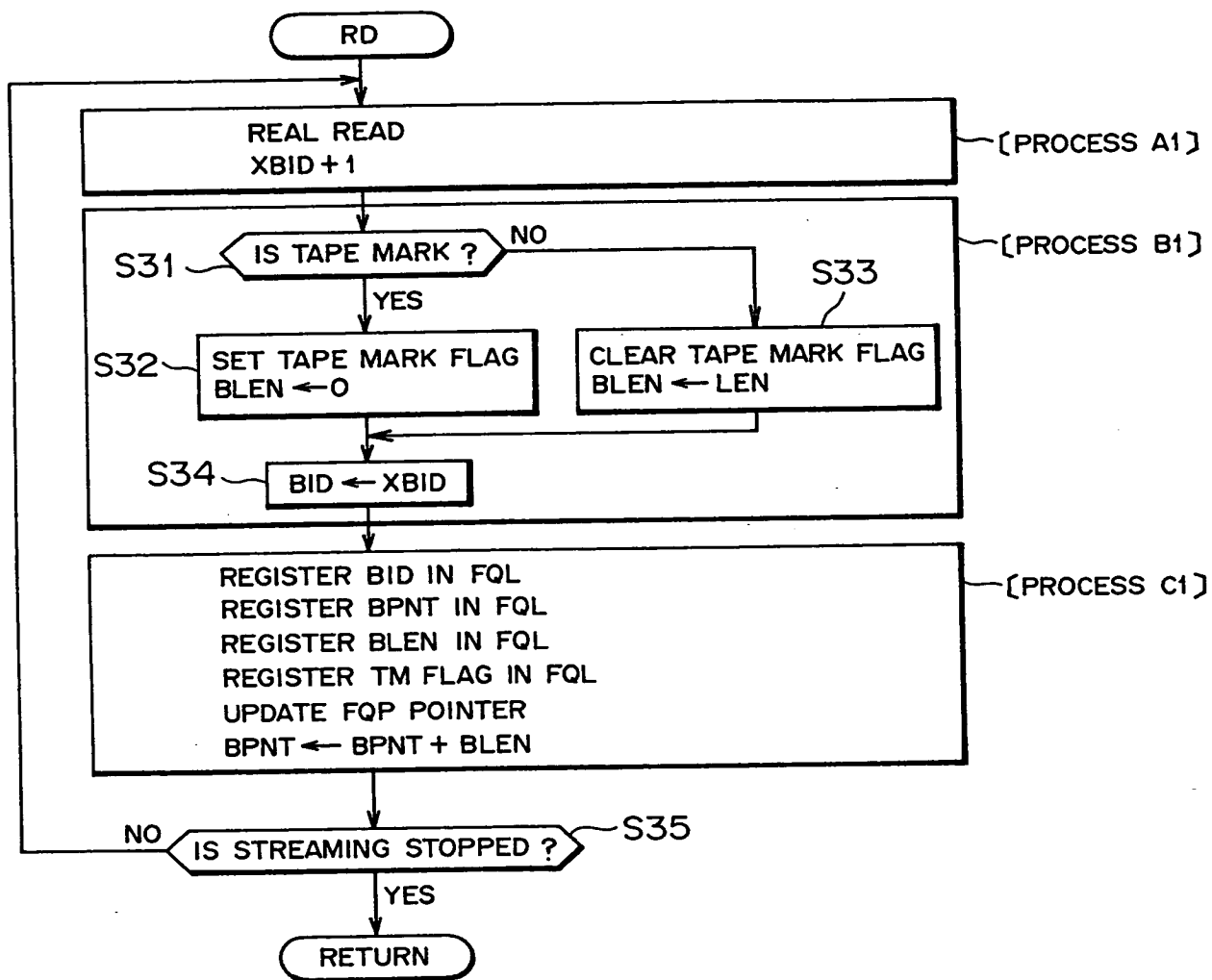
FIG. 182  
RELATED ART



**FIG. 183**  
RELATED ART



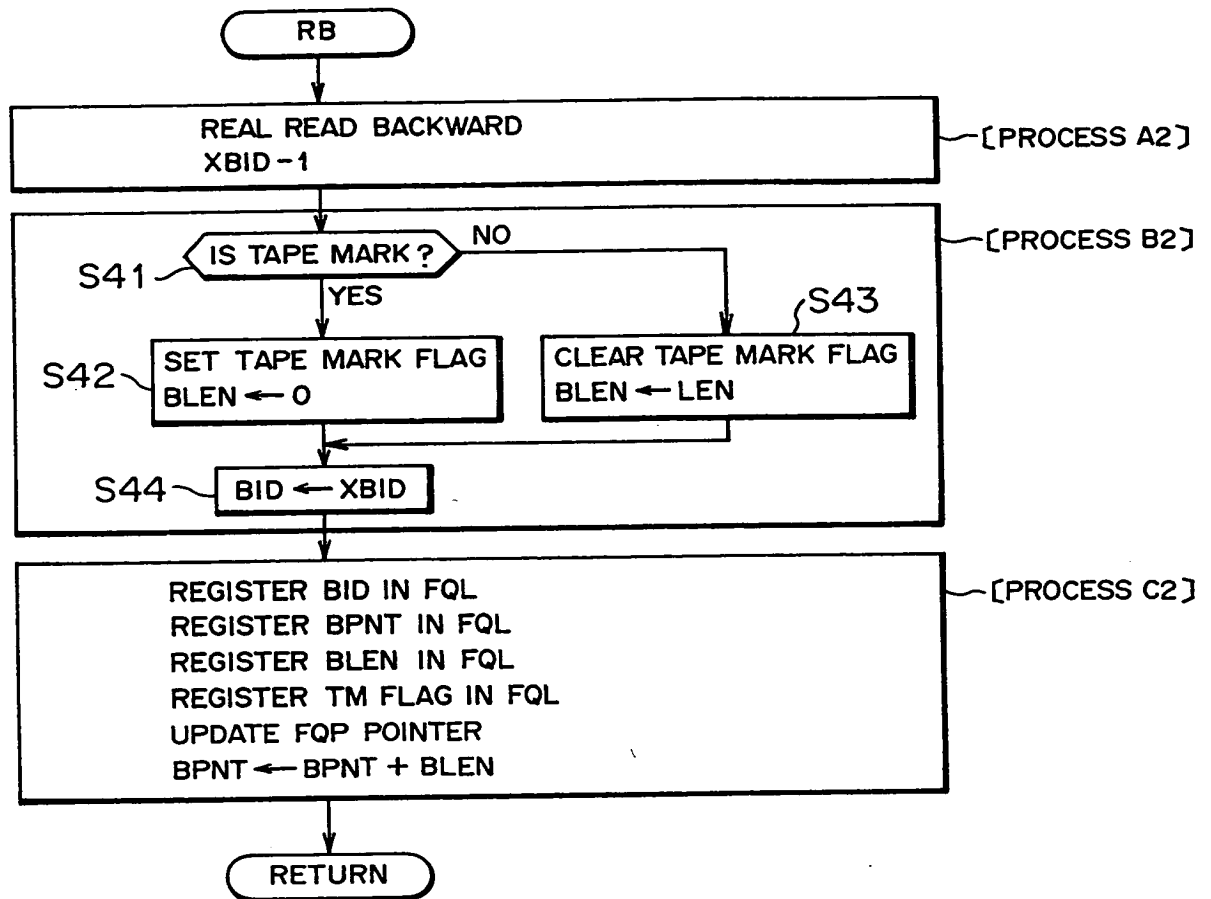
**FIG. 184**  
RELATED ART



**FIG. 185**  
RELATED ART

PROCESS A1		PROCESS B1				PROCESS C1
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL READ	XBID + 1	TM	1	0	XBID	REGISTER BID IN FQL REGISTER BPNT IN FQL REGISTER BLEN IN FQL REGISTER TM FLAG IN FQL UPDATE FQP POINTER BPNT ← BPNT + BLEN
		OTHERS	0	LEN		

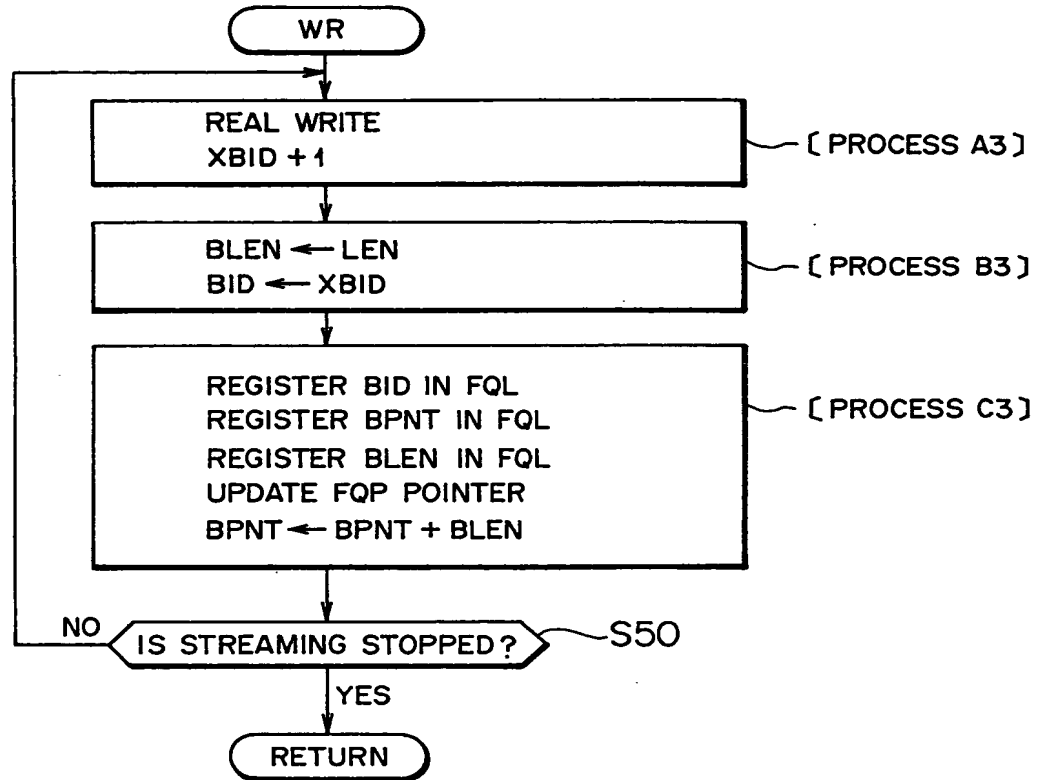
**FIG. 186**  
RELATED ART



**FIG. 187**  
RELATED ART

PROCESS A2		PROCESS B2				PROCESS C2
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL READ BACKWARD	XBID - 1	TM	1	0	XBID	REGISTER BID IN FQL REGISTER BPNT IN FQL REGISTER BLEN IN FQL REGISTER TM FLAG IN FQL UPDATE FQP POINTER BPNT ← BPNT + BLEN
		OTHERS	0	LEN		

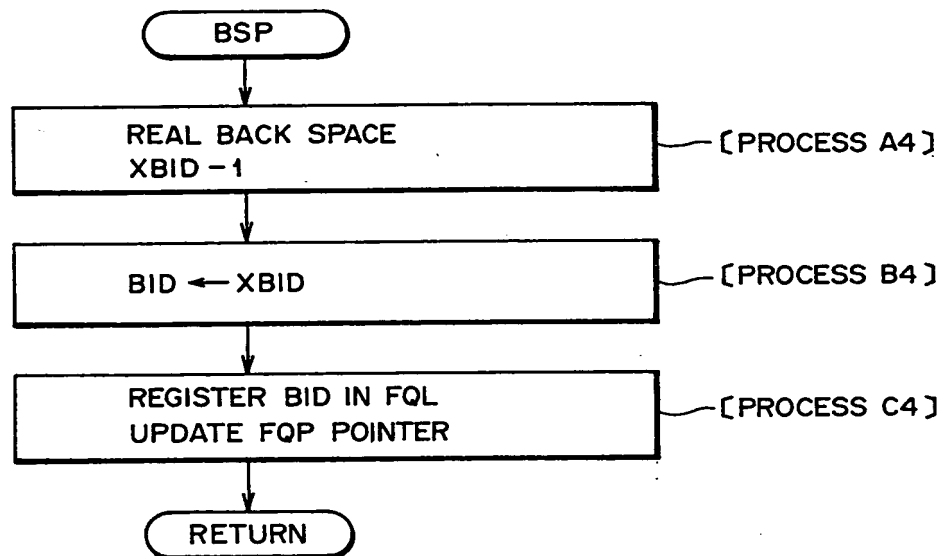
**FIG. 188**  
RELATED ART



**FIG. 189**  
RELATED ART

PROCESS A3		PROCESS B3				PROCESS C3
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL WRITE	XBID + 1	--	--	LEN	XBID	REGISTER BID IN FQL REGISTER BPNT IN FQL REGISTER BLEN IN FQL UPDATE FQP POINTER BPNT ← BPNT + BLEN

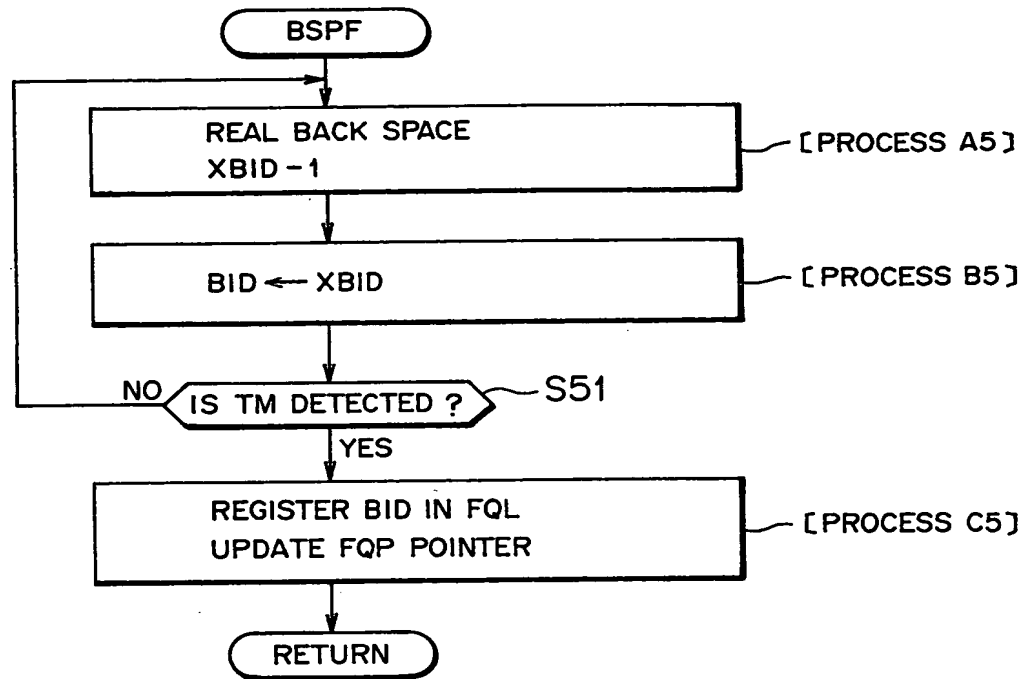
**FIG. 190**  
RELATED ART



**FIG. 191**  
RELATED ART

PROCESS A4		PROCESS B4				PROCESS C4
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL BACK SPACE	XBID - 1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

**FIG. 192**  
RELATED ART

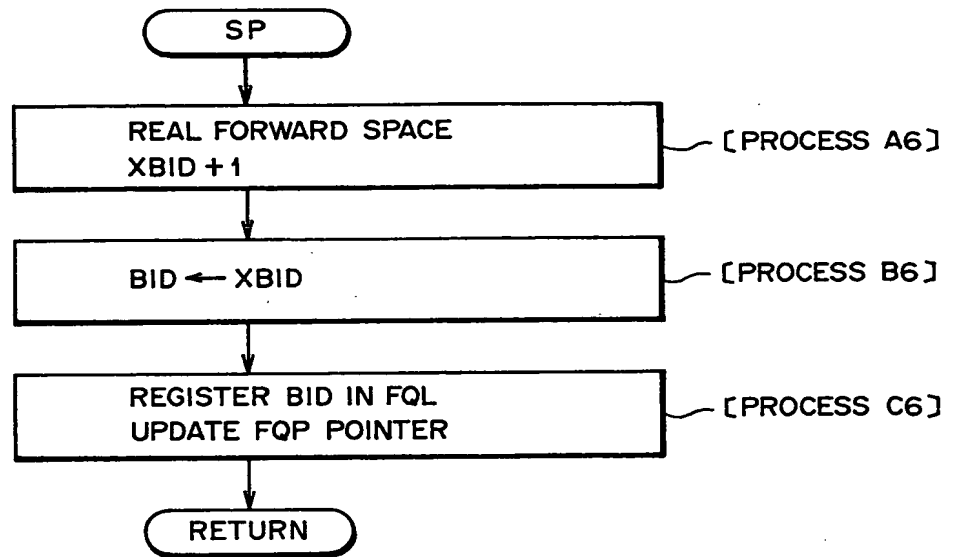


**FIG. 193**  
RELATED ART

PROCESS A5		PROCESS B5				PROCESS C5
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL BACK SPACE	XBID - 1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER



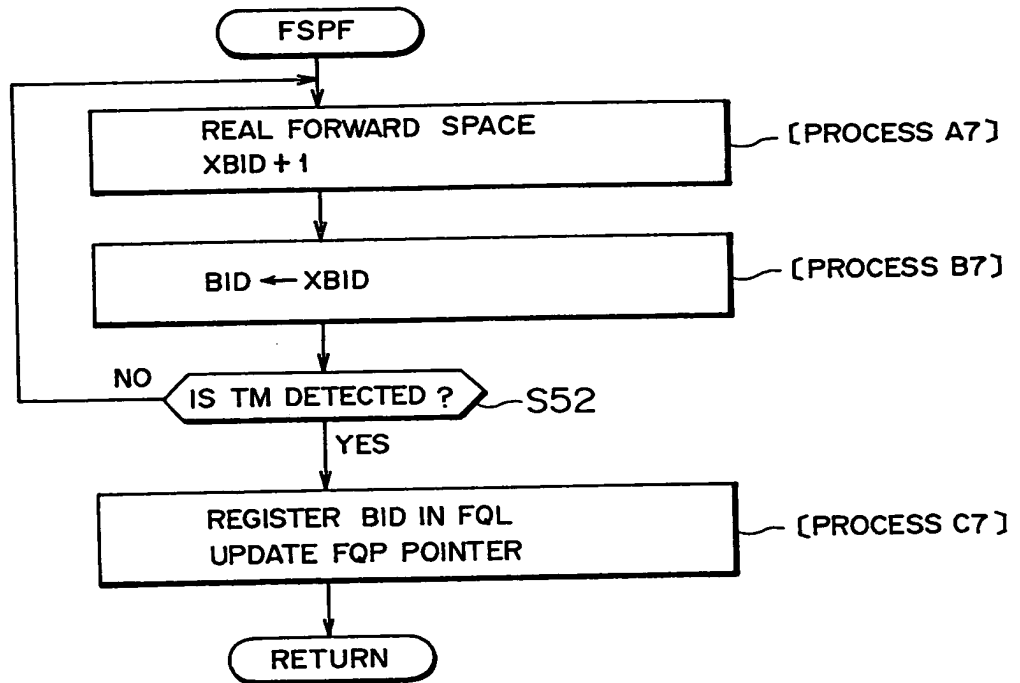
**FIG. 194**  
RELATED ART



**FIG. 195**  
RELATED ART

PROCESS A6		PROCESS B6				PROCESS C6
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL FORWARD SPACE	XBID+1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

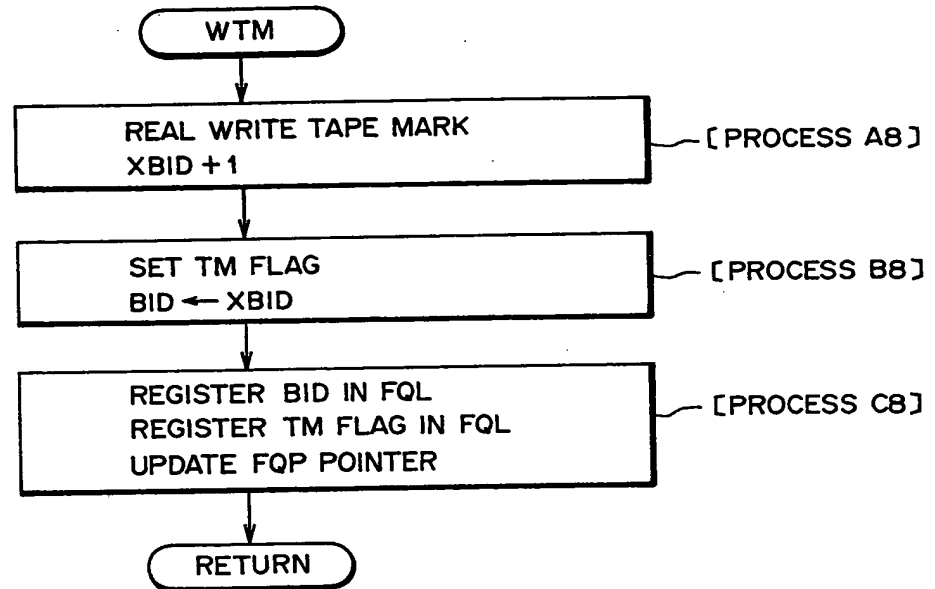
**FIG. 196**  
RELATED ART



**FIG. 197**  
RELATED ART

PROCESS A7		PROCESS B7				PROCESS C7
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL FORWARD SPACE	XBID + 1	--	--	--	XBID	REGISTER BID IN FQL UPDATE FQP POINTER

**FIG. 198**  
RELATED ART



**FIG. 199**  
RELATED ART

PROCESS A8		PROCESS B8				PROCESS C8
OPERATION	UPDATE XBID	CONDITIONS	TM FLAG	BLEN	BID	
REAL WRITE TAPE MARK	XBID + 1	--	1	--	XBID	REGISTER BID IN FQL REGISTER TM FLAG IN FQL UPDATE FQP POINTER

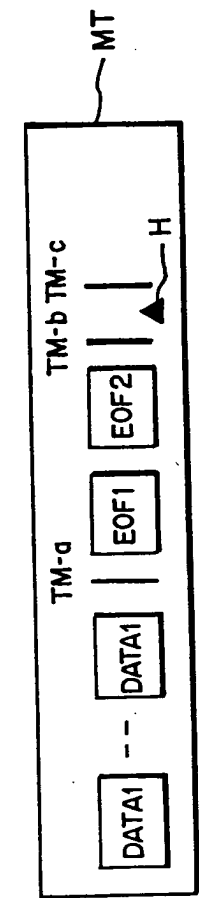


FIG. 200(A)  
RELATED ART

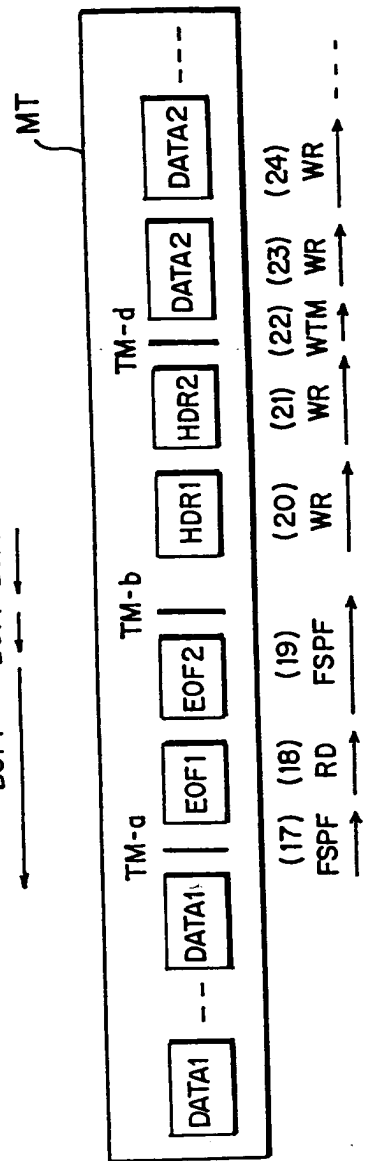


FIG. 200(B)  
RELATED ART

FIG. 201  
RELATED ART

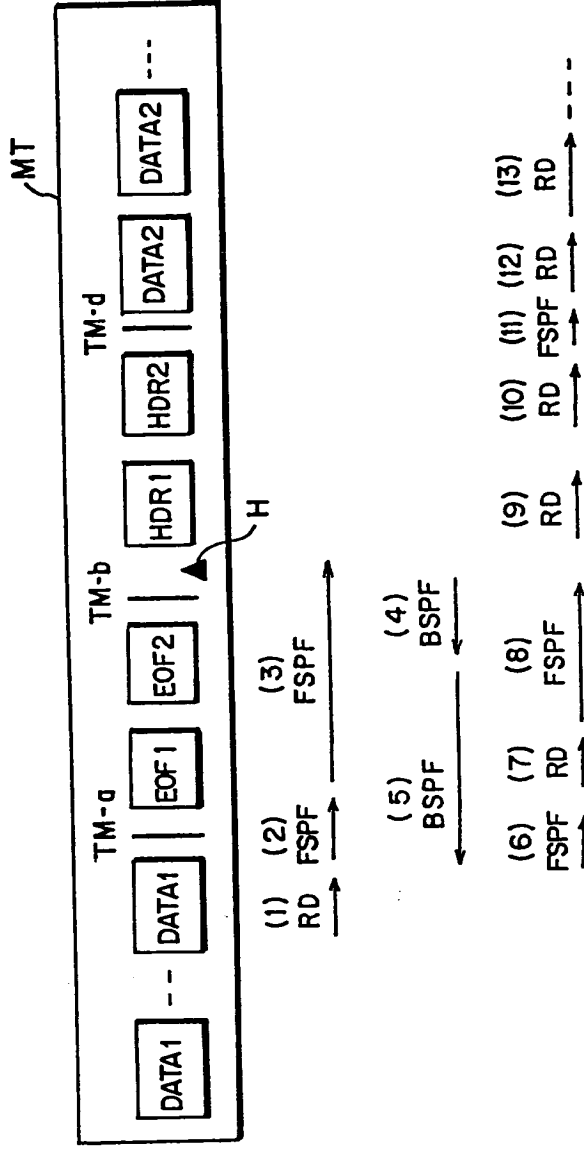


FIG. 202(A)

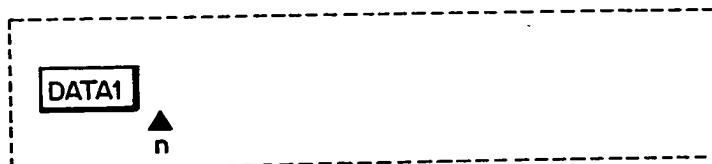


FIG. 202(B)

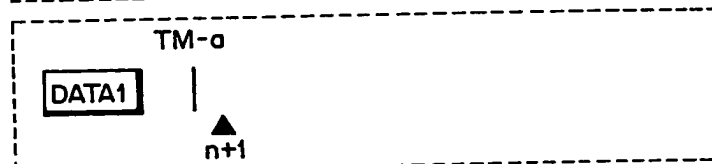


FIG. 202(C)

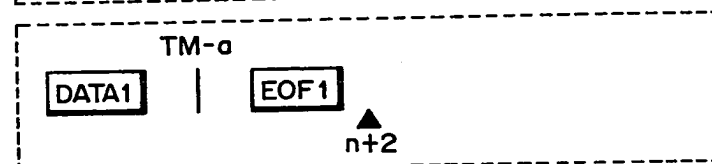


FIG. 202(D)

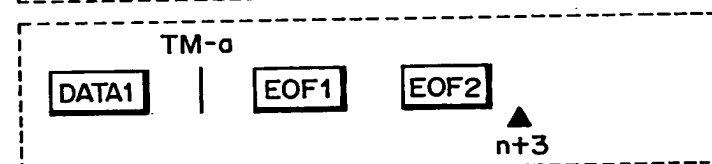


FIG. 202(E)

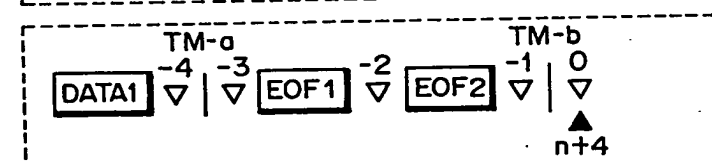


FIG. 202(F)

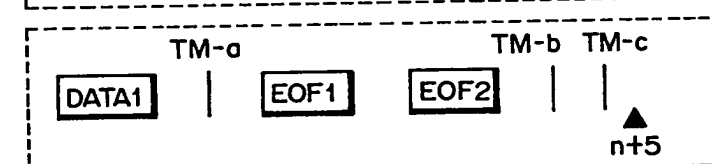


FIG. 202(G)

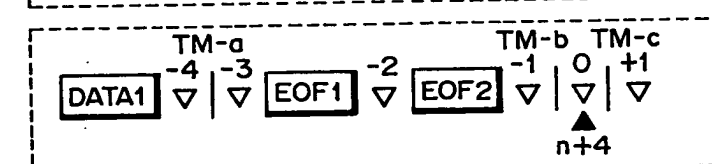


FIG. 202(H)

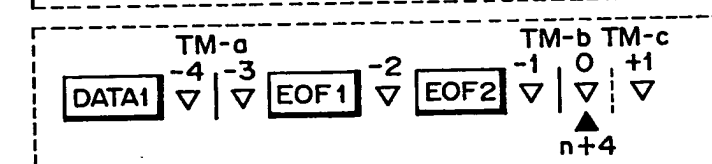
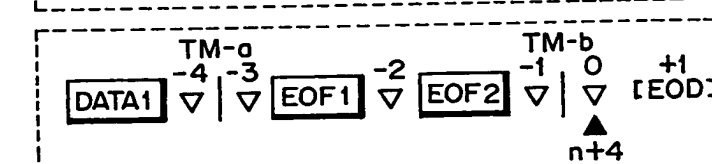
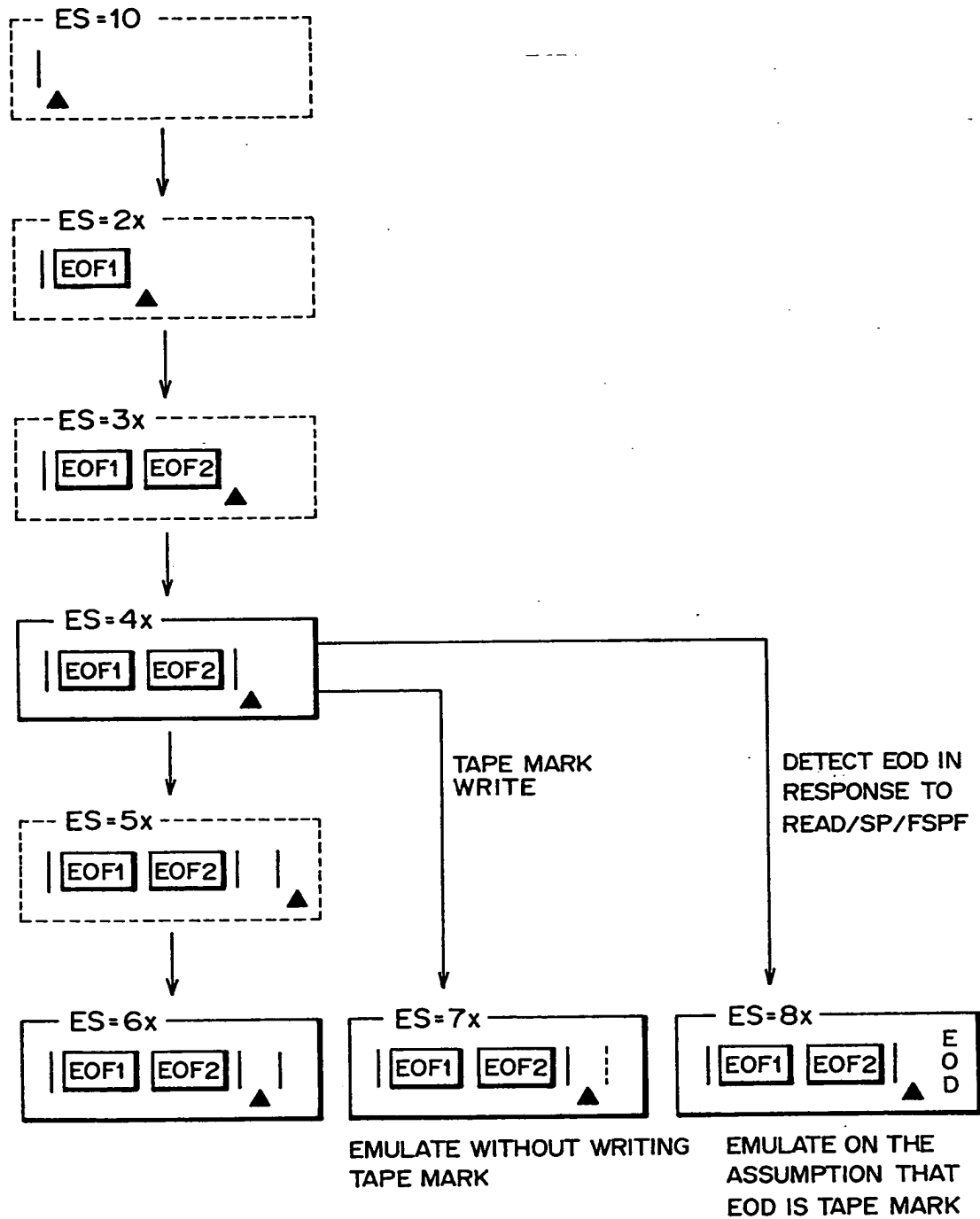


FIG. 202(I)



# FIG. 203



# FIG. 204

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL READ	TM	--	SBID←REAL BID	10	--	1.00.00
					OTHERS	--	--	00	--	1.00.01
10	--	--	--	REAL READ	EOF	SDT1	--	20	--	1.10.00
					TM	--	SBID←REAL BID	10	--	1.10.01
					OTHERS	--	--	00	--	1.10.02
20	--	--	--	REAL READ	EOF	SDT2	--	30	--	1.20.00
					TM	--	SBID←REAL BID	10	--	1.20.01
					OTHERS	--	--	00	--	1.20.02
30	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	1.30.00
					OTHERS	--	--	00	--	1.30.01
40	-4	--	--	EMULATE	--	--	--	40	-3	1.40.00
	-3	--	SDT1	EMULATE	--	--	--	40	-2	1.40.10
	-2	--	SDT2	EMULATE	--	--	--	40	-1	1.40.20
	-1	--	--	EMULATE	--	--	--	40	0	1.40.30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1.40.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	1.40.41
					OTHERS	--	--	00	--	1.40.42
					EOD	--	--	80	+1	1.40.43
50	--	--	--	REAL READ	EOF	SDT1	--	20	--	1.50.00
					TM	--	SBID←REAL BID	10	--	1.50.01
					OTHERS	--	--	00	--	1.50.02
60	-4	--	--	EMULATE	--	--	--	60	-3	1.60.00
	-3	--	SDT1	EMULATE	--	--	--	60	-2	1.60.10
	-2	--	SDT2	EMULATE	--	--	--	60	-1	1.60.20
	-1	--	--	EMULATE	--	--	--	60	0	1.60.30
	0	--	--	EMULATE	--	--	--	60	+1	1.60.40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1.60.50
					TM	--	SBID←REAL BID	10	--	1.60.51
					OTHERS	--	--	00	--	1.60.52





# FIG. 206

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	1.31.00
					OTHERS	--	--	00	--	1.31.01
41	-4	--	--	EMULATE	--	--	--	41	-3	1.41.00
	-3	--	SDT1	EMULATE	--	--	--	41	-2	1.41.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	30	--	1.41.20
					OTHERS	--	--	00	--	1.41.21
	-1	--	--	EMULATE	--	--	--	41	0	1.41.30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1.41.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	1.41.41
					OTHERS	--	--	00	--	1.41.42
					EOD	--	--	81	+1	1.41.43
	51	--	--	REAL READ	EOF	SDT1	--	20	--	1.51.00
					TM	--	SBID←REAL BID	10	--	1.51.01
					OTHERS	--	--	00	--	1.51.02
61	-4	--	--	EMULATE	--	--	--	61	-3	1.61.00
	-3	--	SDT1	EMULATE	--	--	--	61	-2	1.61.10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	30	--	1.61.20
					OTHERS	--	--	00	--	1.61.21
	-1	--	--	EMULATE	--	--	--	61	0	1.61.30
	0	--	--	EMULATE	--	--	--	61	+1	1.61.40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1.61.50
					TM	--	SBID←REAL BID	10	--	1.61.51
					OTHERS	--	--	00	--	1.61.52

FIG. 207

PRE -- PROCESS				OPERATION	POST -- PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
71	-4	--	--	EMULATE	--	--	--	71	-3	1. 71. 00
	-3	--	SDT1	EMULATE	--	--	--	71	-2	1. 71. 10
	-2	WTM SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	30	--	1. 71. 20
					OTHERS	--	--	00	--	1. 71. 21
	-1	--	--	EMULATE	--	--	--	71	0	1. 71. 30
	0	--	--	EMULATE	--	--	--	71	+1	1. 71. 40
	+1	WTM	--	REAL READ	EOF	SDT1	--	20	--	1. 71. 50
					TM	--	SBID←REAL BID	10	--	1. 71. 51
					OTHERS	--	--	00	--	1. 71. 52
81	-4	--	--	EMULATE	--	--	--	81	-3	1. 81. 00
	-3	--	SDT1	EMULATE	--	--	--	81	-2	1. 81. 10
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	30	--	1. 81. 20
					OTHERS	--	--	00	--	1. 81. 21
	-1	--	--	EMULATE	--	--	--	81	0	1. 81. 30
	0	--	--	EMULATE	--	--	--	81	+1	1. 81. 40
	+1	--	--	REAL READ	EOD	--	--	00	--	1. 81. 50

# FIG. 208

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL READ	EOF	SDT2	--	32	--	1. 22. 00
					TM	--	SBID←REAL BID	10	--	1. 22. 01
					OTHERS	--	--	00	--	1. 22. 02
32	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	1. 32. 00
					OTHERS	--	--	00	--	1. 32. 01
42	-4	--	--	EMULATE	--	--	--	42	-3	1. 42. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 42. 10
					OTHERS	--	--	00	--	1. 42. 11
	-2	--	SDT2	EMULATE	--	--	--	42	-1	1. 42. 20
	-1	--	--	EMULATE	--	--	--	42	0	1. 42. 30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1. 42. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	1. 42. 41
					OTHERS	--	--	00	--	1. 42. 42
					EOD	--	--	82	+1	1. 42. 43
	52	--	--	REAL READ	EOF	SDT1	--	20	--	1. 52. 00
					TM	--	SBID←REAL BID	10	--	1. 52. 01
					OTHERS	--	--	00	--	1. 52. 02
62	-4	--	--	EMULATE	--	--	--	62	-3	1. 62. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 62. 10
					OTHERS	--	--	00	--	1. 62. 11
	-2	--	SDT2	EMULATE	--	--	--	62	-1	1. 62. 20
	-1	--	--	EMULATE	--	--	--	62	0	1. 62. 30
	0	--	--	EMULATE	--	--	--	62	+1	1. 62. 40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1. 62. 50
					TM	--	SBID←REAL BID	10	--	1. 62. 51
					OTHERS	--	--	00	--	1. 62. 52

FIG. 209

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES		EP
72	-4	--	--	EMULATE	--	--	--	72	-3	1.72.00
	-3	WTM SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1.72.10
					OTHERS	--	--	00	--	1.72.11
	-2	--	SDT2	EMULATE	--	--	--	72	-1	1.72.20
	-1	--	--	EMULATE	--	--	--	72	0	1.72.30
	0	--	--	EMULATE	--	--	--	72	+1	1.72.40
	+1	WTM	--	REAL READ	EOF	SDT1	SBID+1	20	--	1.72.50
					TM	--	SBID+REAL BID	10	--	1.72.51
					OTHERS	--	--	00	--	1.72.52
82	-4	--	--	EMULATE	--	--	--	82	-3	1.82.00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1.82.10
					OTHERS	--	--	00	--	1.82.11
	-2	--	SDT2	EMULATE	--	--	--	82	-1	1.82.20
	-1	--	--	EMULATE	--	--	--	82	0	1.82.30
	0	--	--	EMULATE	--	--	--	82	+1	1.82.40
	+1	--	--	REAL READ	EOD	--	--	00	--	1.82.50

# FIG. 210

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL READ	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	1. 33. 00
					OTHERS	--	--	00	--	1. 33. 01
43	-4	--	--	EMULATE	--	--	--	43	-3	1. 43. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 43. 10
					OTHERS	--	--	00	--	1. 43. 11
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	32	--	1. 43. 20
					OTHERS	--	--	00	--	1. 43. 21
	-1	--	--	EMULATE	--	--	--	43	0	1. 43. 30
	0	--	--	REAL READ	EOF	SDT1	--	20	--	1. 43. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	1. 43. 41
					OTHERS	--	--	00	--	1. 43. 42
					EOD	--	--	83	+1	1. 43. 43
53	--	--	--	REAL READ	EOF	SDT1	--	20	--	1. 53. 00
					TM	--	SBID←REAL BID	10	--	1. 53. 01
					OTHERS	--	--	00	--	1. 53. 02
63	-4	--	--	EMULATE	--	--	--	63	-3	1. 63. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3	20	--	1. 63. 10
					OTHERS	--	--	00	--	1. 63. 11
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3	32	--	1. 63. 20
					OTHERS	--	--	00	--	1. 63. 21
	-1	--	--	EMULATE	--	--	--	63	0	1. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	1. 63. 40
	+1	SBID+EP	--	REAL READ	EOF	SDT1	SBID+1	20	--	1. 63. 50
					TM	--	SBID←REAL BID	10	--	1. 63. 51
					OTHERS	--	--	00	--	1. 63. 52

FIG. 211

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
73	-4	--	--	EMULATE	--	--	--		73	-3	1. 73. 00
	-3	WTM SBID+EP	--	REAL READ	EOF	SDT1	SBID-3		20	--	1. 73. 10
					OTHERS	--	--		00	--	1. 73. 11
	-2	WTM SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		32	--	1. 73. 20
					OTHERS	--	--		00	--	1. 73. 21
	-1	--	--	EMULATE	--	--	--		73	0	1. 73. 30
	0	--	--	EMULATE	--	--	--		73	+1	1. 73. 40
	+1	WTM	--	REAL READ	EOF	SDT1	SBID+1		20	--	1. 73. 50
					TM	--	SBID←REAL BID		10	--	1. 73. 51
					OTHERS	--	--		00	--	1. 73. 52
83	-4	--	--	EMULATE	--	--	--		83	-3	1. 83. 00
	-3	SBID+EP	--	REAL READ	EOF	SDT1	SBID-3		20	--	1. 83. 10
					OTHERS	--	--		00	--	1. 83. 11
	-2	SBID+EP	--	REAL READ	EOF	SDT2	SBID-3		32	--	1. 83. 20
					OTHERS	--	--		00	--	1. 83. 21
	-1	--	--	EMULATE	--	--	--		83	0	1. 83. 30
	0	--	--	EMULATE	--	--	--		83	+1	1. 83. 40
	+1	--	--	REAL READ	EOD	--	--		00	--	1. 83. 50

FIG. 212

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL RB	--	--	--	00	--	2 00. 00
10	--	--	--	REAL RB	--	--	--	00	--	2 10. 00
20	--	--	--	REAL RB	--	--	--	00	--	2 20. 00
30	--	--	--	REAL RB	--	--	--	00	--	2 30. 00
40	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 40. 00
	-3	--	--	EMULATE	--	--	--	40	-4	2 40. 10
	-2	--	--	EMULATE	--	--	--	40	-3	2 40. 20
	-1	--	--	EMULATE	--	--	--	40	-2	2 40. 30
	0	--	--	EMULATE	--	--	--	40	-1	2 40. 40
50	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	60	0	2 50. 00
60	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 60. 00
	-3	--	--	EMULATE	--	--	--	60	-4	2 60. 10
	-2	--	--	EMULATE	--	--	--	60	-3	2 60. 20
	-1	--	--	EMULATE	--	--	--	60	-2	2 60. 30
	0	--	--	EMULATE	--	--	--	60	-1	2 60. 40
	+1	--	--	EMULATE	--	--	--	60	0	2 60. 50
70	-4	WTM SBID+EP	--	REAL RB	--	--	--	00	--	2 70. 00
	-3	--	--	EMULATE	--	--	--	70	-4	2 70. 10
	-2	--	--	EMULATE	--	--	--	70	-3	2 70. 20
	-1	--	--	EMULATE	--	--	--	70	-2	2 70. 30
	0	--	--	EMULATE	--	--	--	70	-1	2 70. 40
	+1	--	--	EMULATE	--	--	--	70	0	2 70. 50
80	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 80. 00
	-3	--	--	EMULATE	--	--	--	80	-4	2 80. 10
	-2	--	--	EMULATE	--	--	--	80	-3	2 80. 20
	-1	--	--	EMULATE	--	--	--	80	-2	2 80. 30
	0	--	--	EMULATE	--	--	--	80	-1	2 80. 40
	+1	--	--	EMULATE	--	--	--	80	0	2 80. 50



FIG. 213

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL RB	--	--	--	00	--	2 31. 00
41	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 41. 00
	-3	--	--	EMULATE	--	--	--	41	-4	2 41. 10
	-2	--	--	EMULATE	--	--	--	41	-3	2 41. 20
	-1	--	--	EMULATE	--	--	--	41	-2	2 41. 30
	0	--	--	EMULATE	--	--	--	41	-1	2 41. 40
	0	--	--	EMULATE	--	--	--	41	-1	2 41. 40
51	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	0	2 51. 00
61	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 61. 00
	-3	--	--	EMULATE	--	--	--	61	-4	2 61. 10
	-2	--	--	EMULATE	--	--	--	61	-3	2 61. 20
	-1	--	--	EMULATE	--	--	--	61	-2	2 61. 30
	0	--	--	EMULATE	--	--	--	61	-1	2 61. 40
	0	--	--	EMULATE	--	--	--	61	-1	2 61. 40
	+1	--	--	EMULATE	--	--	--	61	0	2 61. 50
71	-4	WTM SBID+EP	--	REAL RB	--	--	--	00	--	2 71. 00
	-3	--	--	EMULATE	--	--	--	71	-4	2 71. 10
	-2	--	--	EMULATE	--	--	--	71	-3	2 71. 20
	-1	--	--	EMULATE	--	--	--	71	-2	2 71. 30
	0	--	--	EMULATE	--	--	--	71	-1	2 71. 40
	0	--	--	EMULATE	--	--	--	71	-1	2 71. 40
	+1	--	--	EMULATE	--	--	--	71	0	2 71. 50
81	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 81. 00
	-3	--	--	EMULATE	--	--	--	81	-4	2 81. 10
	-2	--	--	EMULATE	--	--	--	81	-3	2 81. 20
	-1	--	--	EMULATE	--	--	--	81	-2	2 81. 30
	0	--	--	EMULATE	--	--	--	81	-1	2 81. 40
	0	--	--	EMULATE	--	--	--	81	-1	2 81. 40
	+1	--	--	EMULATE	--	--	--	81	0	2 81. 50

# FIG. 214

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
32	--	--	--	REAL RB	--	--	--	00	--	2 32.00
42	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 42.00
	-3	--	--	EMULATE	--	--	--	42	-4	2 42.10
	-2	--	--	EMULATE	--	--	--	42	-3	2 42.20
	-1	--	--	EMULATE	--	--	--	42	-2	2 42.30
	0	--	--	EMULATE	--	--	--	42	-1	2 42.40
	0	--	--	EMULATE	--	--	--	42	-1	2 42.40
52	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	0	2 52.00
62	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 62.00
	-3	--	--	EMULATE	--	--	--	62	-4	2 62.10
	-2	--	--	EMULATE	--	--	--	62	-3	2 62.20
	-1	--	--	EMULATE	--	--	--	62	-2	2 62.30
	0	--	--	EMULATE	--	--	--	62	-1	2 62.40
	0	--	--	EMULATE	--	--	--	62	-1	2 62.40
	+1	--	--	EMULATE	--	--	--	62	0	2 62.50
72	-4	WTM SBID+EP	--	REAL RB	--	--	--	00	--	2 72.00
	-3	--	--	EMULATE	--	--	--	72	-4	2 72.10
	-2	--	--	EMULATE	--	--	--	72	-3	2 72.20
	-1	--	--	EMULATE	--	--	--	72	-2	2 72.30
	0	--	--	EMULATE	--	--	--	72	-1	2 72.40
	0	--	--	EMULATE	--	--	--	72	-1	2 72.40
	+1	--	--	EMULATE	--	--	--	72	0	2 72.50
82	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 82.00
	-3	--	--	EMULATE	--	--	--	82	-4	2 82.10
	-2	--	--	EMULATE	--	--	--	82	-3	2 82.20
	-1	--	--	EMULATE	--	--	--	82	-2	2 82.30
	0	--	--	EMULATE	--	--	--	82	-1	2 82.40
	0	--	--	EMULATE	--	--	--	82	-1	2 82.40
	+1	--	--	EMULATE	--	--	--	82	0	2 82.50

FIG. 215

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL RB	--	--	--	00	--	2 33. 00
43	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 43. 00
	-3	--	--	EMULATE	--	--	--	43	-4	2 43. 10
	-2	--	--	EMULATE	--	--	--	43	-3	2 43. 20
	-1	--	--	EMULATE	--	--	--	43	-2	2 43. 30
	0	--	--	EMULATE	--	--	--	43	-1	2 43. 40
53	--	--	--	REAL RB	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	0	2 53. 00
63	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 63. 00
	-3	--	--	EMULATE	--	--	--	63	-4	2 63. 10
	-2	--	--	EMULATE	--	--	--	63	-3	2 63. 20
	-1	--	--	EMULATE	--	--	--	63	-2	2 63. 30
	0	--	--	EMULATE	--	--	--	63	-1	2 63. 40
	+1	--	--	EMULATE	--	--	--	63	0	2 63. 50
73	-4	WTM SBID+EP	--	REAL RB	--	--	--	00	--	2 73. 00
	-3	--	--	EMULATE	--	--	--	73	-4	2 73. 10
	-2	--	--	EMULATE	--	--	--	73	-3	2 73. 20
	-1	--	--	EMULATE	--	--	--	73	-2	2 73. 30
	0	--	--	EMULATE	--	--	--	73	-1	2 73. 40
	+1	--	--	EMULATE	--	--	--	73	0	2 73. 50
83	-4	SBID+EP	--	REAL RB	--	--	--	00	--	2 83. 00
	-3	--	--	EMULATE	--	--	--	83	-4	2 83. 10
	-2	--	--	EMULATE	--	--	--	83	-3	2 83. 20
	-1	--	--	EMULATE	--	--	--	83	-2	2 83. 30
	0	--	--	EMULATE	--	--	--	83	-1	2 83. 40
	+1	--	--	EMULATE	--	--	--	83	0	2 83. 50

# FIG. 216

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
00	--	--	--	REAL WR	--	--	--		00	--	3. 00. 00
10	--	--	--	REAL WR	EOF	SDT1	--		20	--	3. 10. 00
			--		OTHERS	--	--		00	--	3. 10. 01
20	--	--	--	REAL WR	EOF	SDT2	--		30	--	3. 20. 00
			--		OTHERS	--	--		00	--	3. 20. 01
30	--	--	--	REAL WR	--	--	--		00	--	3. 30. 00
40	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 40. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 40. 10
			--		OTHERS	--	--		00	--	3. 40. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 40. 20
			--		OTHERS	--	--		00	--	3. 40. 21
	-1		--	REAL WR	--	--	--		00	--	3. 40. 30
	0		--	REAL WR	EOF	SDT1	--		20	--	3. 40. 40
		--	OTHERS		--	--		00	--	3. 40. 41	
50	--	--	REAL WR	EOF	SDT1	--		20	--	3. 50. 00	
				OTHERS	--	--		00	--	3. 50. 01	
60	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 60. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 60. 10
			--		OTHERS	--	--		00	--	3. 60. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 60. 20
			--		OTHERS	--	--		00	--	3. 60. 21
	-1		--	REAL WR	--	--	--		00	--	3. 60. 30
	0		--	REAL WR	EOF	SDT1	--		20	--	3. 60. 40
		--	OTHERS		--	--		00	--	3. 60. 41	
	+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 60. 50
			--		OTHERS	--	--		00	--	3. 60. 51

FIG. 217

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
70	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 70. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 70. 10
			--	--	OTHERS	--	--		00	--	3. 70. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 70. 20
			--	--	OTHERS	--	--		00	--	3. 70. 21
	-1		--	REAL WR	--	--	--		00	--	3. 70. 30
	0	--	--	REAL WR	EOF	SDT1	--		20	--	3. 70. 40
			--	--	OTHERS	--	--		00	--	3. 70. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 70. 50
			--	--	OTHERS	--	--		00	--	3. 70. 51
80	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 80. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 80. 10
			--	--	OTHERS	--	--		00	--	3. 80. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 80. 20
			--	--	OTHERS	--	--		00	--	3. 80. 21
	-1		--	REAL WR	--	--	--		00	--	3. 80. 30
	0	--	--	REAL WR	EOF	SDT1	--		20	--	3. 80. 40
			--	--	OTHERS	--	--		00	--	3. 80. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 80. 50
			--	--	OTHERS	--	--		00	--	3. 80. 51

FIG. 218

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
31	--	--	--	REAL WR	--	--	--		00	--	3. 31. 00
41	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 41. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 41. 10
			--	OTHERS	--	--		00	--	3. 41. 11	
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 41. 20
			--	OTHERS	--	--		00	--	3. 41. 21	
	-1		--	REAL WR	--	--	--		00	--	3. 41. 30
	0		--	REAL WR	EOF	SDT1	--		20	--	3. 41. 40
		--	OTHERS	--	--		00	--	3. 41. 41		
51	--	--	--	REAL WR	EOF	SDT1	--		20	--	3. 51. 00
					OTHERS	--	--		00	--	3. 51. 01
61	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 61. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 61. 10
			--	OTHERS	--	--		00	--	3. 61. 11	
	-2		--	REAL WR	EOF	SDT2	SBID-3		30	--	3. 61. 20
			--	OTHERS	--	--		00	--	3. 61. 21	
	-1		--	REAL WR	--	--	--		00	--	3. 61. 30
	0		--	REAL WR	EOF	SDT1	--		20	--	3. 61. 40
		--	OTHERS	--	--		00	--	3. 61. 41		
+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 61. 50	
				OTHERS	--	--		00	--	3. 61. 51	

FIG. 219

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
71	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 71. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	--	3. 71. 10
					OTHERS	--	--	00	--	3. 71. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3	30	--	3. 71. 20
					OTHERS	--	--	00	--	3. 71. 21
	-1		--	REAL WR	--	--	--	00	--	3761. 30
	0	--	--	REAL WR	EOF	SDT1	--	20	--	3. 71. 40
					OTHERS	--	--	00	--	3. 71. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1	20	--	3. 71. 50
					OTHERS	--	--	00	--	3. 71. 51
81	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 81. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	--	3. 81. 10
					OTHERS	--	--	00	--	3. 81. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3	30	--	3. 81. 20
					OTHERS	--	--	00	--	3. 81. 21
	-1		--	REAL WR	--	--	--	00	--	3. 81. 30
	0	--	--	REAL WR	EOF	SDT1	--	20	--	3. 81. 40
					OTHERS	--	--	00	--	3. 81. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1	20	--	3. 81. 50
					OTHERS	--	--	00	--	3. 81. 51

FIG. 220

PRE -- PROCESS				OPERATION	POST -- PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL	EOF	SDT2	--	32	--	3. 22. 00
			WR	OTHERS	--	--	00	--	3. 22. 01	
32	--	--	--	REAL	--	--	--	00	--	3. 32. 00
42	-4	SBID+EP	--	REAL	--	--	--	00	--	3. 42. 00
	-3		WR	EOF	SDT1	SBID-3	20	--	3. 42. 10	
			WR	OTHERS	--	--	00	--	3. 42. 11	
	-2		WR	EOF	SDT2	SBID-3	32	--	3. 42. 20	
			WR	OTHERS	--	--	00	--	3. 42. 21	
	-1		WR	--	--	--	00	--	3. 42. 30	
	0	--	REAL	EOF	SDT1	--	20	--	3. 42. 40	
		--	WR	OTHERS	--	--	00	--	3. 42. 41	
	52	--	--	REAL	EOF	SDT1	--	20	--	3. 52. 00
					WR	OTHERS	--	--	00	--
62	-4	SBID+EP	--	REAL	--	--	--	00	--	3. 62. 00
	-3		WR	EOF	SDT1	SBID-3	20	--	3. 62. 10	
			WR	OTHERS	--	--	00	--	3. 62. 11	
	-2		WR	EOF	SDT2	SBID-3	32	--	3. 62. 20	
			WR	OTHERS	--	--	00	--	3. 62. 21	
	-1		WR	--	--	--	00	--	3. 62. 30	
	0	--	REAL	EOF	SDT1	--	20	--	3. 62. 40	
		--	WR	OTHERS	--	--	00	--	3. 62. 41	
	+1	SBID+EP	--	REAL	EOF	SDT1	SBID+1	20	--	3. 62. 50
			--	WR	OTHERS	--	--	00	--	3. 62. 51



FIG. 221

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS		ES		EP
72	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 72. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 72. 10
			--	REAL WR	OTHERS	--	--		00	--	3. 72. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	--	3. 72. 20
			--	REAL WR	OTHERS	--	--		00	--	3. 72. 21
	-1		--	REAL WR	--	--	--		00	--	3. 72. 30
	0	--	--	REAL WR	EOF	SDT1	--		20	--	3. 72. 40
			--	REAL WR	OTHERS	--	--		00	--	3. 72. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 72. 50
			--	REAL WR	OTHERS	--	--		00	--	3. 72. 51
82	-4	SBID+EP	--	REAL WR	--	--	--		00	--	3. 82. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3		20	--	3. 82. 10
			--	REAL WR	OTHERS	--	--		00	--	3. 82. 11
	-2		--	REAL WR	EOF	SDT2	SBID-3		32	--	3. 82. 20
			--	REAL WR	OTHERS	--	--		00	--	3. 82. 21
	-1		--	REAL WR	--	--	--		00	--	3. 82. 30
	0	--	--	REAL WR	EOF	SDT1	--		20	--	3. 82. 40
			--	REAL WR	OTHERS	--	--		00	--	3. 82. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1		20	--	3. 82. 50
			--	REAL WR	OTHERS	--	--		00	--	3. 82. 51

FIG. 222

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL WR	--	--	--	00	--	3. 33. 00
43	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 43. 00
	-3		REAL WR	EOF	SDT1	SBID-3	20	--	3. 43. 10	
				OTHERS	--	--	00	--	3. 43. 11	
	-2		REAL WR	EOF	SDT2	SBID-3	32	--	3. 43. 20	
				OTHERS	--	--	00	--	3. 43. 21	
	-1		--	REAL WR	--	--	--	00	--	3. 43. 30
	0	--	REAL WR	EOF	SDT1	--	20	--	3. 43. 40	
				OTHERS	--	--	00	--	3. 43. 41	
53	--	--	REAL WR	EOF	SDT1	--	20	--	3. 53. 00	
				OTHERS	--	--	00	--	3. 53. 01	
63	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 63. 00
	-3		REAL WR	EOF	SDT1	SBID-3	20	--	3. 63. 10	
				OTHERS	--	--	00	--	3. 63. 11	
	-2		REAL WR	EOF	SDT2	SBID-3	32	--	3. 63. 20	
				OTHERS	--	--	00	--	3. 63. 21	
	-1		--	REAL WR	--	--	--	00	--	3. 63. 30
	0	--	REAL WR	EOF	SDT1	--	20	--	3. 63. 40	
				OTHERS	--	--	00	--	3. 63. 41	
+1	SBID+EP	--	REAL WR	EOF	SDT1	SBID+1	20	--	3. 63. 50	
				OTHERS	--	--	00	--	3. 63. 51	

FIG. 223

PRE -- PROCESS				OPERATION	POST -- PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
73	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 73. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	--	3. 73. 10
			--	REAL WR	OTHERS	--	--	00	--	3. 73. 11
			--	REAL WR	EOF	SDT2	SBID-3	32	--	3. 73. 20
	-2		--	REAL WR	OTHERS	--	--	00	--	3. 73. 21
	-1		--	REAL WR	--	--	--	00	--	3. 73. 30
	0	--	--	REAL WR	EOF	SDT1	--	20	--	3. 73. 40
				REAL WR	OTHERS	--	--	00	--	3. 73. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1	20	--	3. 73. 50
				REAL WR	OTHERS	--	--	00	--	3. 73. 51
83	-4	SBID+EP	--	REAL WR	--	--	--	00	--	3. 83. 00
	-3		--	REAL WR	EOF	SDT1	SBID-3	20	--	3. 83. 10
			--	REAL WR	OTHERS	--	--	00	--	3. 83. 11
			--	REAL WR	EOF	SDT2	SBID-3	32	--	3. 83. 20
	-2		--	REAL WR	OTHERS	--	--	00	--	3. 83. 21
	-1		--	REAL WR	--	--	--	00	--	3. 83. 30
	0	--	--	REAL WR	EOF	SDT1	--	20	--	3. 83. 40
				REAL WR	OTHERS	--	--	00	--	3. 83. 41
	+1	WTM	--	REAL WR	EOF	SDT1	SBID+1	20	--	3. 83. 50
				REAL WR	OTHERS	--	--	00	--	3. 83. 51

FIG. 224

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL BSP	--	--	--	00	--	4. 00. 00
10	--	--	--	REAL BSP	--	--	--	00	--	4. 10. 00
20	--	--	--	REAL BSP	--	--	--	10	--	4. 20. 00
30	--	--	--	REAL BSP	--	--	--	20	--	4. 30. 00
40	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 40. 00
	-3	--	--	EMULATE	--	--	--	40	-4	4. 40. 10
	-2	--	--	EMULATE	--	--	--	40	-3	4. 40. 20
	-1	--	--	EMULATE	--	--	--	40	-2	4. 40. 30
	0	--	--	EMULATE	--	--	--	40	-1	4. 40. 40
50	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	60	0	4. 50. 00
60	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 60. 00
	-3	--	--	EMULATE	--	--	--	60	-4	4. 60. 10
	-2	--	--	EMULATE	--	--	--	60	-3	4. 60. 20
	-1	--	--	EMULATE	--	--	--	60	-2	4. 60. 30
	0	--	--	EMULATE	--	--	--	60	-1	4. 60. 40
	+1	--	--	EMULATE	--	--	--	60	0	4. 60. 50
70	-4	WTM SBID+EP	--	REAL BSP	--	--	--	00	--	4. 70. 00
	-3	--	--	EMULATE	--	--	--	70	-4	4. 70. 10
	-2	--	--	EMULATE	--	--	--	70	-3	4. 70. 20
	-1	--	--	EMULATE	--	--	--	70	-2	4. 70. 30
	0	--	--	EMULATE	--	--	--	70	-1	4. 70. 40
	+1	--	--	EMULATE	--	--	--	70	0	4. 70. 50
80	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 80. 00
	-3	--	--	EMULATE	--	--	--	80	-4	4. 80. 10
	-2	--	--	EMULATE	--	--	--	80	-3	4. 80. 20
	-1	--	--	EMULATE	--	--	--	80	-2	4. 80. 30
	0	--	--	EMULATE	--	--	--	80	-1	4. 80. 40
	+1	--	--	EMULATE	--	--	--	80	0	4. 80. 50

FIG. 225

PRE – PROCESS				OPERATION	POST – PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL BSP	--	--	--	20	--	4. 31. 00
41	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-4	4. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-3	4. 41. 20
	-1	--	--	EMULATE	--	--	--	41	-2	4. 41. 30
	0	--	--	EMULATE	--	--	--	41	-1	4. 41. 40
	51	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	0
61	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-4	4. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-3	4. 61. 20
	-1	--	--	EMULATE	--	--	--	61	-2	4. 61. 30
	0	--	--	EMULATE	--	--	--	61	-1	4. 61. 40
	0	--	--	EMULATE	--	--	--	61	-1	4. 61. 40
	+1	--	--	EMULATE	--	--	--	61	0	4. 61. 50
71	-4	WTM SBID+EP	--	REAL BSP	--	--	--	00	--	4. 71. 00
	-3	--	--	EMULATE	--	--	--	71	-4	4. 71. 10
	-2	--	--	EMULATE	--	--	--	71	-3	4. 71. 20
	-1	--	--	EMULATE	--	--	--	71	-2	4. 71. 30
	0	--	--	EMULATE	--	--	--	71	-1	4. 71. 40
	0	--	--	EMULATE	--	--	--	71	-1	4. 71. 40
	+1	--	--	EMULATE	--	--	--	71	0	4. 71. 50
81	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 81. 00
	-3	--	--	EMULATE	--	--	--	81	-4	4. 81. 10
	-2	--	--	EMULATE	--	--	--	81	-3	4. 81. 20
	-1	--	--	EMULATE	--	--	--	81	-2	4. 81. 30
	0	--	--	EMULATE	--	--	--	81	-1	4. 81. 40
	0	--	--	EMULATE	--	--	--	81	-1	4. 81. 40
	+1	--	--	EMULATE	--	--	--	81	0	4. 81. 50

# FIG. 226

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL BSP	--	--	--	10	--	4. 22. 00
32	--	--	--	REAL BSP	--	--	--	22	--	4. 32. 00
42	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 42. 00
	-3	--	--	EMULATE	--	--	--	42	-4	4. 42. 10
	-2	--	--	EMULATE	--	--	--	42	-3	4. 42. 20
	-1	--	--	EMULATE	--	--	--	42	-2	4. 42. 30
	0	--	--	EMULATE	--	--	--	42	-1	4. 42. 40
	0	--	--	EMULATE	--	--	--	42	-1	4. 42. 40
52	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	0	4. 52. 00
62	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 62. 00
	-3	--	--	EMULATE	--	--	--	62	-4	4. 62. 10
	-2	--	--	EMULATE	--	--	--	62	-3	4. 62. 20
	-1	--	--	EMULATE	--	--	--	62	-2	4. 62. 30
	0	--	--	EMULATE	--	--	--	62	-1	4. 62. 40
	0	--	--	EMULATE	--	--	--	62	-1	4. 62. 40
	+1	--	--	EMULATE	--	--	--	62	0	4. 62. 50
72	-4	WTM SBID+EP	--	REAL BSP	--	--	--	00	--	4. 72. 00
	-3	--	--	EMULATE	--	--	--	72	-4	4. 72. 10
	-2	--	--	EMULATE	--	--	--	72	-3	4. 72. 20
	-1	--	--	EMULATE	--	--	--	72	-2	4. 72. 30
	0	--	--	EMULATE	--	--	--	72	-1	4. 72. 40
	0	--	--	EMULATE	--	--	--	72	-1	4. 72. 40
	+1	--	--	EMULATE	--	--	--	72	0	4. 72. 50
82	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 82. 00
	-3	--	--	EMULATE	--	--	--	82	-4	4. 82. 10
	-2	--	--	EMULATE	--	--	--	82	-3	4. 82. 20
	-1	--	--	EMULATE	--	--	--	82	-2	4. 82. 30
	0	--	--	EMULATE	--	--	--	82	-1	4. 82. 40
	0	--	--	EMULATE	--	--	--	82	-1	4. 82. 40
	+1	--	--	EMULATE	--	--	--	82	0	4. 82. 50

FIG. 227

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL BSP	--	--	--	22	--	4. 33. 00
43	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 43. 00
	-3	--	--	EMULATE	--	--	--	43	-4	4. 43. 10
	-2	--	--	EMULATE	--	--	--	43	-3	4. 43. 20
	-1	--	--	EMULATE	--	--	--	43	-2	4. 43. 30
	0	--	--	EMULATE	--	--	--	43	-1	4. 43. 40
	0	--	--	EMULATE	--	--	--	43	-1	4. 43. 40
53	--	--	--	REAL BSP	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	0	4. 53. 00
63	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 63. 00
	-3	--	--	EMULATE	--	--	--	63	-4	4. 63. 10
	-2	--	--	EMULATE	--	--	--	63	-3	4. 63. 20
	-1	--	--	EMULATE	--	--	--	63	-2	4. 63. 30
	0	--	--	EMULATE	--	--	--	63	-1	4. 63. 40
	0	--	--	EMULATE	--	--	--	63	-1	4. 63. 40
	+1	--	--	EMULATE	--	--	--	63	0	4. 63. 50
73	-4	WTM SBID+EP	--	REAL BSP	--	--	--	00	--	4. 73. 00
	-3	--	--	EMULATE	--	--	--	73	-4	4. 73. 10
	-2	--	--	EMULATE	--	--	--	73	-3	4. 73. 20
	-1	--	--	EMULATE	--	--	--	73	-2	4. 73. 30
	0	--	--	EMULATE	--	--	--	73	-1	4. 73. 40
	0	--	--	EMULATE	--	--	--	73	-1	4. 73. 40
	+1	--	--	EMULATE	--	--	--	73	0	4. 73. 50
83	-4	SBID+EP	--	REAL BSP	--	--	--	00	--	4. 83. 00
	-3	--	--	EMULATE	--	--	--	83	-4	4. 83. 10
	-2	--	--	EMULATE	--	--	--	83	-3	4. 83. 20
	-1	--	--	EMULATE	--	--	--	83	-2	4. 83. 30
	0	--	--	EMULATE	--	--	--	83	-1	4. 83. 40
	0	--	--	EMULATE	--	--	--	83	-1	4. 83. 40
	+1	--	--	EMULATE	--	--	--	83	0	4. 83. 50

FIG. 228

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL BSPF	--	--	--	00	--	5. 00. 00
10	--	--	--	REAL BSPF	--	--	--	00	--	5. 10. 00
20	--	--	--	REAL BSPF	--	--	--	00	--	5. 20. 00
30	--	--	--	REAL BSPF	--	--	--	00	--	5. 30. 00
40	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 40. 00
	-3	--	--	EMULATE	--	--	--	40	-4	5. 40. 10
	-2	--	--	EMULATE	--	--	--	40	-4	5. 40. 20
	-1	--	--	EMULATE	--	--	--	40	-4	5. 40. 30
	0	--	--	EMULATE	--	--	--	40	-1	5. 40. 40
50	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	60	0	5. 50. 00
60	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 60. 00
	-3	--	--	EMULATE	--	--	--	60	-4	5. 60. 10
	-2	--	--	EMULATE	--	--	--	60	-4	5. 60. 20
	-1	--	--	EMULATE	--	--	--	60	-4	5. 60. 30
	0	--	--	EMULATE	--	--	--	60	-1	5. 60. 40
	+1	--	--	EMULATE	--	--	--	60	0	5. 60. 50
70	-4	WTH SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 70. 00
	-3	--	--	EMULATE	--	--	--	70	-4	5. 70. 10
	-2	--	--	EMULATE	--	--	--	70	-4	5. 70. 20
	-1	--	--	EMULATE	--	--	--	70	-4	5. 70. 30
	0	--	--	EMULATE	--	--	--	70	-1	5. 70. 40
	+1	--	--	EMULATE	--	--	--	70	0	5. 70. 50
80	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 80. 00
	-3	--	--	EMULATE	--	--	--	80	-4	5. 80. 10
	-2	--	--	EMULATE	--	--	--	80	-4	5. 80. 20
	-1	--	--	EMULATE	--	--	--	80	-4	5. 80. 30
	0	--	--	EMULATE	--	--	--	80	-1	5. 80. 40
	+1	--	--	EMULATE	--	--	--	80	0	5. 80. 50



# FIG. 229

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL BSPF	--	--	--	00	--	5. 31. 00
41	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-4	5. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-4	5. 41. 20
	-1	--	--	EMULATE	--	--	--	41	-4	5. 41. 30
	0	--	--	EMULATE	--	--	--	41	-1	5. 41. 40
	0	--	--	EMULATE	--	--	--	41	-1	5. 41. 40
51	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	61	--	5. 51. 00
61	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-4	5. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-4	5. 61. 20
	-1	--	--	EMULATE	--	--	--	61	-4	5. 61. 30
	0	--	--	EMULATE	--	--	--	61	-1	5. 61. 40
	0	--	--	EMULATE	--	--	--	61	-1	5. 61. 40
	+1	--	--	EMULATE	--	--	--	61	0	5. 61. 50
71	-4	WTH SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 71. 00
	-3	--	--	EMULATE	--	--	--	71	-4	5. 71. 10
	-2	--	--	EMULATE	--	--	--	71	-4	5. 71. 20
	-1	--	--	EMULATE	--	--	--	71	-4	5. 71. 30
	0	--	--	EMULATE	--	--	--	71	-1	5. 71. 40
	0	--	--	EMULATE	--	--	--	71	-1	5. 71. 40
	+1	--	--	EMULATE	--	--	--	71	0	5. 71. 50
81	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 81. 00
	-3	--	--	EMULATE	--	--	--	81	-4	5. 81. 10
	-2	--	--	EMULATE	--	--	--	81	-4	5. 81. 20
	-1	--	--	EMULATE	--	--	--	81	-4	5. 81. 30
	0	--	--	EMULATE	--	--	--	81	-1	5. 81. 40
	0	--	--	EMULATE	--	--	--	81	-1	5. 81. 40
	+1	--	--	EMULATE	--	--	--	81	0	5. 81. 50

FIG. 230

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL BSPF	--	--	--	00	--	5. 22. 00
32	--	--	--	REAL BSPF	--	--	--	00	--	5. 32. 00
42	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 42. 00
	-3	--	--	EMULATE	--	--	--	42	-4	5. 42. 10
	-2	--	--	EMULATE	--	--	--	42	-4	5. 42. 20
	-1	--	--	EMULATE	--	--	--	42	-4	5. 42. 30
	0	--	--	EMULATE	--	--	--	42	-1	5. 42. 40
	0	--	--	EMULATE	--	--	--	42	-1	5. 42. 40
52	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	62	--	5. 52. 00
62	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 62. 00
	-3	--	--	EMULATE	--	--	--	62	-4	5. 62. 10
	-2	--	--	EMULATE	--	--	--	62	-4	5. 62. 20
	-1	--	--	EMULATE	--	--	--	62	-4	5. 62. 30
	0	--	--	EMULATE	--	--	--	62	-1	5. 62. 40
	0	--	--	EMULATE	--	--	--	62	-1	5. 62. 40
	+1	--	--	EMULATE	--	--	--	62	0	5. 62. 50
72	-4	WTM SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 72. 00
	-3	--	--	EMULATE	--	--	--	72	-4	5. 72. 10
	-2	--	--	EMULATE	--	--	--	72	-4	5. 72. 20
	-1	--	--	EMULATE	--	--	--	72	-4	5. 72. 30
	0	--	--	EMULATE	--	--	--	72	-1	5. 72. 40
	0	--	--	EMULATE	--	--	--	72	-1	5. 72. 40
	+1	--	--	EMULATE	--	--	--	72	0	5. 72. 50
82	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 82. 00
	-3	--	--	EMULATE	--	--	--	82	-4	5. 82. 10
	-2	--	--	EMULATE	--	--	--	82	-4	5. 82. 20
	-1	--	--	EMULATE	--	--	--	82	-4	5. 82. 30
	0	--	--	EMULATE	--	--	--	82	-1	5. 82. 40
	0	--	--	EMULATE	--	--	--	82	-1	5. 82. 40
	+1	--	--	EMULATE	--	--	--	82	0	5. 82. 50

FIG. 231

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL BSPF	--	--	--	00	--	5. 33. 00
43	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 43. 00
	-3	--	--	EMULATE	--	--	--	43	-4	5. 43. 10
	-2	--	--	EMULATE	--	--	--	43	-4	5. 43. 20
	-1	--	--	EMULATE	--	--	--	43	-4	5. 43. 30
	0	--	--	EMULATE	--	--	--	43	-1	5. 43. 40
53	--	--	--	REAL BSPF	TM	--	SBID←REAL BID WHEN (SBID)-(REAL BID)=1	63	--	5. 53. 00
63	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 63. 00
	-3	--	--	EMULATE	--	--	--	63	-4	5. 63. 10
	-2	--	--	EMULATE	--	--	--	63	-4	5. 63. 20
	-1	--	--	EMULATE	--	--	--	63	-4	5. 63. 30
	0	--	--	EMULATE	--	--	--	63	-1	5. 63. 40
	+1	--	--	EMULATE	--	--	--	63	0	5. 63. 50
73	-4	WTM SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 73. 00
	-3	--	--	EMULATE	--	--	--	73	-4	5. 73. 10
	-2	--	--	EMULATE	--	--	--	73	-4	5. 73. 20
	-1	--	--	EMULATE	--	--	--	73	-4	5. 73. 30
	0	--	--	EMULATE	--	--	--	73	-1	5. 73. 40
	+1	--	--	EMULATE	--	--	--	73	0	5. 73. 50
83	-4	SBID+EP	--	REAL BSPF	--	--	--	00	--	5. 83. 00
	-3	--	--	EMULATE	--	--	--	83	-4	5. 83. 10
	-2	--	--	EMULATE	--	--	--	83	-4	5. 83. 20
	-1	--	--	EMULATE	--	--	--	83	-4	5. 83. 30
	0	--	--	EMULATE	--	--	--	83	-1	5. 83. 40
	+1	--	--	EMULATE	--	--	--	83	0	5. 83. 50

FIG. 232

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL SP	TM	--	SBID←REAL BID	10	--	6.00.00
					OTHERS	--	--	00	--	6.00.01
10	--	--	--	REAL SP	EOF	--	--	22	--	6.10.00
					TM	--	SBID←REAL BID	10	--	6.10.01
					OTHERS	--	--	00	--	6.10.02
20	--	--	--	REAL SP	EOF	--	--	31	--	6.20.00
					TM	--	SBID←REAL BID	10	--	6.20.01
					OTHERS	--	--	00	--	6.20.02
30	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	6.30.00
					OTHERS	--	--	00	--	6.30.01
40	-4	--	--	EMULATE	--	--	--	40	-3	6.40.00
	-3	--	--	EMULATE	--	--	--	40	-2	6.40.10
	-2	--	--	EMULATE	--	--	--	40	-1	6.40.20
	-1	--	--	EMULATE	--	--	--	40	0	6.40.30
	0	--	--	REAL SP	EOF	--	--	22	--	6.40.40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	6.40.41
					OTHERS	--	--	00	--	6.40.42
					EOD	--	--	80	+1	6.40.43
50	--	--	--	REAL SP	EOF	--	--	22	--	6.50.00
					TM	--	SBID←REAL BID	10	--	6.50.01
					OTHERS	--	--	00	--	6.50.02
60	-4	--	--	EMULATE	--	--	--	60	-3	6.60.00
	-3	--	--	EMULATE	--	--	--	60	-2	6.60.10
	-2	--	--	EMULATE	--	--	--	60	-1	6.60.20
	-1	--	--	EMULATE	--	--	--	60	0	6.60.30
	0	--	--	EMULATE	--	--	--	60	+1	6.60.40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6.60.50
					TM	--	SBID←REAL BID	10	--	6.60.51
					OTHERS	--	--	00	--	6.60.52

FIG. 233

PRE – PROCESS				OPERATION	POST – PROCESS				PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
70	-4	--	--	EMULATE	--	--	--	70	-3	6.70.00
	-3	--	--	EMULATE	--	--	--	70	-2	6.70.10
	-2	--	--	EMULATE	--	--	--	70	-1	6.70.20
	-1	--	--	EMULATE	--	--	--	70	0	6.70.30
	0	--	--	EMULATE	--	--	--	70	+1	6.70.40
	+1	WTM	--	REAL SP	EOF	--	SBID+1	22	--	6.70.50
					TM	--	SBID←REAL BID	10	--	6.70.51
					OTHERS	--	--	00	--	6.70.52
	80	-4	--	--	EMULATE	--	--	--	80	-3
-3		--	--	EMULATE	--	--	--	80	-2	6.80.10
-2		--	--	EMULATE	--	--	--	80	-1	6.80.20
-1		--	--	EMULATE	--	--	--	80	0	6.80.30
0		--	--	EMULATE	--	--	--	80	+1	6.80.40
+1		--	--	REAL SP	EOD	--	--	00	--	6.80.50

# FIG. 234

PRE -- PROCESS				OPERATION	POST -- PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	6. 31. 00
					OTHERS	--	--	00	--	6. 31. 01
41	-4	--	--	EMULATE	--	--	--	41	-3	6. 41. 00
	-3	--	--	EMULATE	--	--	--	41	-2	6. 41. 10
	-2	--	--	EMULATE	--	--	--	41	-1	6. 41. 20
	-1	--	--	EMULATE	--	--	--	41	0	6. 41. 30
	0	--	--	REAL SP	EOF	--	--	22	--	6. 41. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	6. 41. 41
					OTHERS	--	--	00	--	6. 41. 42
					EOD	--	--	81	+1	6. 41. 43
51	--	--	REAL SP	EOF	--	--	22	--	6. 51. 00	
				TM	--	SBID←REAL BID	10	--	6. 51. 01	
				OTHERS	--	--	00	--	6. 51. 02	
61	-4	--	--	EMULATE	--	--	--	61	-3	6. 61. 00
	-3	--	--	EMULATE	--	--	--	61	-2	6. 61. 10
	-2	--	--	EMULATE	--	--	--	61	-1	6. 61. 20
	-1	--	--	EMULATE	--	--	--	61	0	6. 61. 30
	0	--	--	EMULATE	--	--	--	61	+1	6. 61. 40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 61. 50
					TM	--	SBID←REAL BID	10	--	6. 61. 51
					OTHERS	--	--	00	--	6. 61. 52

FIG. 235

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
71	-4	--	--	EMULATE	--	--	--	71	-3	6. 71. 00
	-3	--	--	EMULATE	--	--	--	71	-2	6. 71. 10
	-2	--	--	EMULATE	--	--	--	71	-1	6. 71. 20
	-1	--	--	EMULATE	--	--	--	71	0	6. 71. 30
	0	--	--	EMULATE	--	--	--	71	+1	6. 71. 40
	+1	WTM	--	REAL SP	EOF	--	SBID+1	22	--	6. 71. 50
					TM	--	SBID←REAL BID	10	--	6. 71. 51
					OTHERS	--	--	00	--	6. 71. 52
	81	-4	--	--	EMULATE	--	--	--	81	-3
-3		--	--	EMULATE	--	--	--	81	-2	6. 81. 10
-2		--	--	EMULATE	--	--	--	81	-1	6. 81. 20
-1		--	--	EMULATE	--	--	--	81	0	6. 81. 30
0		--	--	EMULATE	--	--	--	81	+1	6. 81. 40
+1		--	--	REAL SP	EOD	--	--	00	--	6. 81. 50

# FIG. 236

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL SP	EOF	--	--	33	--	6. 22. 00
					TM	--	SBID←REAL BID	10	--	6. 22. 01
					OTHERS	--	--	00	--	6. 22. 02
32	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	6. 32. 00
					OTHERS	--	--	00	--	6. 32. 01
42	-4	--	--	EMULATE	--	--	--	42	-3	6. 42. 00
	-3	--	--	EMULATE	--	--	--	42	-2	6. 42. 10
	-2	--	--	EMULATE	--	--	--	42	-1	6. 42. 20
	-1	--	--	EMULATE	--	--	--	42	0	6. 42. 30
	0	--	--	REAL SP	EOF	--	--	22	--	6. 42. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	6. 42. 41
					OTHERS	--	--	00	--	6. 42. 42
					EOD	--	--	82	+1	6. 42. 43
52	--	--	--	REAL SP	EOF	--	--	22	--	6. 52. 00
					TM	--	SBID←REAL BID	10	--	6. 52. 01
					OTHERS	--	--	00	--	6. 52. 02
62	-4	--	--	EMULATE	--	--	--	62	-3	6. 62. 00
	-3	--	--	EMULATE	--	--	--	62	-2	6. 62. 10
	-2	--	--	EMULATE	--	--	--	62	-1	6. 62. 20
	-1	--	--	EMULATE	--	--	--	62	0	6. 62. 30
	0	--	--	EMULATE	--	--	--	62	+1	6. 62. 40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 62. 50
					TM	--	SBID←REAL BID	10	--	6. 62. 51
					OTHERS	--	--	00	--	6. 62. 52



FIG. 237

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES		EP
72	-4	--	--	EMULATE	--	--	--	72	-3	6. 72. 00
	-3	--	--	EMULATE	--	--	--	72	-2	6. 72. 10
	-2	--	--	EMULATE	--	--	--	72	-1	6. 72. 20
	-1	--	--	EMULATE	--	--	--	72	0	6. 72. 30
	0	--	--	EMULATE	--	--	--	72	+1	6. 72. 40
	+1	WTH	--	REAL SP	EOF	--	SBID+1	22	--	6. 72. 50
					TM	--	SBID←REAL BID	10	--	6. 72. 51
					OTHERS	--	--	00	--	6. 72. 52
82	-4	--	--	EMULATE	--	--	--	82	-3	6. 82. 00
	-3	--	--	EMULATE	--	--	--	82	-2	6. 82. 10
	-2	--	--	EMULATE	--	--	--	82	-1	6. 82. 20
	-1	--	--	EMULATE	--	--	--	82	0	6. 82. 30
	0	--	--	EMULATE	--	--	--	82	+1	6. 82. 40
	+1	--	--	REAL SP	EOD	--	--	00	--	6. 82. 50

FIG. 238

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL SP	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	6. 33. 00
					OTHERS	--	--	00	--	6. 33. 01
43	-4	--	--	EMULATE	--	--	--	43	-3	6. 43. 00
	-3	--	--	EMULATE	--	--	--	43	-2	6. 43. 10
	-2	--	--	EMULATE	--	--	--	43	-1	6. 43. 20
	-1	--	--	EMULATE	--	--	--	43	0	6. 43. 30
	0	--	--	REAL SP	EOF	--	--	22	--	6. 43. 40
					TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	6. 43. 41
					OTHERS	--	--	00	--	6. 43. 42
					EOD	--	--	83	+1	6. 43. 43
53	--	--	--	REAL SP	EOF	--	--	22	--	6. 53. 00
					TM	--	SBID←REAL BID	10	--	6. 53. 01
					OTHERS	--	--	00	--	6. 53. 02
63	-4	--	--	EMULATE	--	--	--	63	-3	6. 63. 00
	-3	--	--	EMULATE	--	--	--	63	-2	6. 63. 10
	-2	--	--	EMULATE	--	--	--	63	-1	6. 63. 20
	-1	--	--	EMULATE	--	--	--	63	0	6. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	6. 63. 40
	+1	SBID+EP	--	REAL SP	EOF	--	SBID+1	22	--	6. 63. 50
					TM	--	SBID←REAL BID	10	--	6. 63. 51
					OTHERS	--	--	00	--	6. 63. 52

FIG. 239

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES		EP
73	-4	--	--	EMULATE	--	--	--	73	-3	6. 73. 00
	-3	--	--	EMULATE	--	--	--	73	-2	6. 73. 10
	-2	--	--	EMULATE	--	--	--	73	-1	6. 73. 20
	-1	--	--	EMULATE	--	--	--	73	0	6. 73. 30
	0	--	--	EMULATE	--	--	--	73	+1	6. 73. 40
	+1	WTM	--	REAL SP	EOF	--	SBID+1	22	--	6. 73. 50
					TM	--	SBID- <del>REAL</del> BID	10	--	6. 73. 51
					OTHERS	--	--	00	--	6. 73. 52
	83	-4	--	--	EMULATE	--	--	--	83	-3
-3		--	--	EMULATE	--	--	--	83	-2	6. 83. 10
-2		--	--	EMULATE	--	--	--	83	-1	6. 83. 20
-1		--	--	EMULATE	--	--	--	83	0	6. 83. 30
0		--	--	EMULATE	--	--	--	83	+1	6. 83. 40
+1		--	--	REAL SP	EOD	--	--	00	--	6. 83. 50

# FIG. 240

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL FSPF	TM	--	SBID←REAL BID	10	--	7.00.00
					OTHERS	--	--	00	--	7.00.01
10	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.10.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.10.01
					OTHERS	--	--	00	--	7.10.02
20	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.20.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.20.01
					OTHERS	--	--	00	--	7.20.02
30	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	7.30.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.30.01
					OTHERS	--	--	00	--	7.30.02
40	-4	--	--	EMULATE	--	--	--	40	-3	7.40.00
	-3	--	--	EMULATE	--	--	--	40	0	7.40.10
	-2	--	--	EMULATE	--	--	--	40	0	7.40.20
	-1	--	--	EMULATE	--	--	--	40	0	7.40.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.40.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	50	--	7.40.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.40.42
					OTHERS	--	--	00	--	7.40.43
					EOD	--	--	80	+1	7.40.44
50	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.50.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.50.01
					OTHERS	--	--	00	--	7.50.02

L

PRE - PROCESS				OPERATION	POST - PROCESS			PROCESS ID		
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
60	-4	--	--	EMULATE	--	--	--	60	-3	7. 60. 00
	-3	--	--	EMULATE	--	--	--	60	0	7. 60. 10
	-2	--	--	EMULATE	--	--	--	60	0	7. 60. 20
	-1	--	--	EMULATE	--	--	--	60	0	7. 60. 30
	0	--	--	EMULATE	--	--	--	60	+1	7. 60. 40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 60. 50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7. 60. 51
OTHERS					--	--	00	--	7. 60. 52	
70	-4	--	--	EMULATE	--	--	--	70	-3	7. 70. 00
	-3	--	--	EMULATE	--	--	--	70	0	7. 70. 10
	-2	--	--	EMULATE	--	--	--	70	0	7. 70. 20
	-1	--	--	EMULATE	--	--	--	70	0	7. 70. 30
	0	--	--	EMULATE	--	--	--	70	+1	7. 70. 40
	+1	WTM	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 70. 50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7. 70. 51
OTHERS					--	--	00	--	7. 70. 52	
80	-4	--	--	EMULATE	--	--	--	80	-3	7. 80. 00
	-3	--	--	EMULATE	--	--	--	80	0	7. 80. 10
	-2	--	--	EMULATE	--	--	--	80	0	7. 80. 20
	-1	--	--	EMULATE	--	--	--	80	0	7. 80. 30
	0	--	--	EMULATE	--	--	--	80	+1	7. 80. 40
	+1	--	--	REAL FSPF	EOD	--	--	00	--	7. 80. 50

# FIG. 242

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	7.31.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.31.01
					OTHERS	--	--	00	--	7.31.02
41	-4	--	--	EMULATE	--	--	--	41	-3	7.41.00
	-3	--	--	EMULATE	--	--	--	41	0	7.41.10
	-2	--	--	EMULATE	--	--	--	41	0	7.41.20
	-1	--	--	EMULATE	--	--	--	41	0	7.41.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.41.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	51	--	7.41.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.41.42
					OTHERS	--	--	00	--	7.41.43
					EOD	--	--	81	+1	7.41.44
51	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.51.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.51.01
					OTHERS	--	--	00	--	7.51.02
61	-4	--	--	EMULATE	--	--	--	61	-3	7.61.00
	-3	--	--	EMULATE	--	--	--	61	0	7.61.10
	-2	--	--	EMULATE	--	--	--	61	0	7.61.20
	-1	--	--	EMULATE	--	--	--	61	0	7.61.30
	0	--	--	EMULATE	--	--	--	61	+1	7.61.40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.61.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.61.51
					OTHERS	--	--	00	--	7.61.52



# FIG. 244

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.22.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.22.01
					OTHERS	--	--	00	--	7.22.02
32	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	7.32.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.32.01
					OTHERS	--	--	00	--	7.32.02
42	-4	--	--	EMULATE	--	--	--	42	-3	7.42.00
	-3	--	--	EMULATE	--	--	--	42	0	7.42.10
	-2	--	--	EMULATE	--	--	--	42	0	7.42.20
	-1	--	--	EMULATE	--	--	--	42	0	7.42.30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.42.40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	52	--	7.42.41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7.42.42
					OTHERS	--	--	00	--	7.42.43
					EOD	--	--	82	+1	7.42.44
52	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.52.00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.52.01
					OTHERS	--	--	00	--	7.52.02
62	-4	--	--	EMULATE	--	--	--	62	-3	7.62.00
	-3	--	--	EMULATE	--	--	--	62	0	7.62.10
	-2	--	--	EMULATE	--	--	--	62	0	7.62.20
	-1	--	--	EMULATE	--	--	--	62	0	7.62.30
	0	--	--	EMULATE	--	--	--	62	+1	7.62.40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.62.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.62.51
					OTHERS	--	--	00	--	7.62.52



FIG. 245

PRE - PROCESS				OPERATION	POST - PROCESS				PROCESS ID	
ES	EP	RE- POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
72	-4	--	--	EMULATE	--	--	--	72	-3	7. 72. 00
	-3	--	--	EMULATE	--	--	--	72	0	7. 72. 10
	-2	--	--	EMULATE	--	--	--	72	0	7. 72. 20
	-1	--	--	EMULATE	--	--	--	72	0	7. 72. 30
	0	--	--	EMULATE	--	--	--	72	+1	7. 72. 40
	+1	WTH	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 72. 50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7. 72. 51
OTHERS					--	--	00	--	7. 72. 52	
82	-4	--	--	EMULATE	--	--	--	82	-3	7. 82. 00
	-3	--	--	EMULATE	--	--	--	82	0	7. 82. 10
	-2	--	--	EMULATE	--	--	--	82	0	7. 82. 20
	-1	--	--	EMULATE	--	--	--	82	0	7. 82. 30
	0	--	--	EMULATE	--	--	--	82	+1	7. 82. 40
	+1	--	--	REAL FSPF	EOD	--	--	00	--	7. 82. 50

FIG. 246

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 33. 00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7. 33. 01
					OTHERS	--	--	00	--	7. 33. 02
43	-4	--	--	EMULATE	--	--	--	43	-3	7. 43. 00
	-3	--	--	EMULATE	--	--	--	43	0	7. 43. 10
	-2	--	--	EMULATE	--	--	--	43	0	7. 43. 20
	-1	--	--	EMULATE	--	--	--	43	0	7. 43. 30
	0	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 43. 40
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)=1	53	--	7. 43. 41
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠1AND3	10	--	7. 43. 42
					OTHERS	--	--	00	--	7. 43. 43
					EOD	--	--	83	+1	7. 43. 44
53	--	--	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 53. 00
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7. 53. 01
					OTHERS	--	--	00	--	7. 53. 02
63	-4	--	--	EMULATE	--	--	--	63	-3	7. 63. 00
	-3	--	--	EMULATE	--	--	--	63	0	7. 63. 10
	-2	--	--	EMULATE	--	--	--	63	0	7. 63. 20
	-1	--	--	EMULATE	--	--	--	63	0	7. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	7. 63. 40
	+1	SBID+EP	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7. 63. 50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7. 63. 51
					OTHERS	--	--	00	--	7. 63. 52

FIG. 247

PRE - PROCESS				OPERATION	POST - PROCESS			PROCESS ID		
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
73	-4	--	--	EMULATE	--	--	--	73	-3	7.73.00
	-3	--	--	EMULATE	--	--	--	73	0	7.73.10
	-2	--	--	EMULATE	--	--	--	73	0	7.73.20
	-1	--	--	EMULATE	--	--	--	73	0	7.73.30
	0	--	--	EMULATE	--	--	--	73	+1	7.73.40
	+1	WTH	--	REAL FSPF	TM	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	7.73.50
						--	SBID←REAL BID WHEN (REAL BID)-(SBID)≠3	10	--	7.73.51
OTHERS					--	--	00	--	7.73.52	
83	-4	--	--	EMULATE	--	--	--	83	-3	7.83.00
	-3	--	--	EMULATE	--	--	--	83	0	7.83.10
	-2	--	--	EMULATE	--	--	--	83	0	7.83.20
	-1	--	--	EMULATE	--	--	--	83	0	7.83.30
	0	--	--	EMULATE	--	--	--	83	+1	7.83.40
	+1	--	--	REAL FSPF	EOD	--	--	00	--	7.83.50

# FIG. 248

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
00	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.00.00
10	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.10.00
20	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.20.00
30	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	40	0	8.30.00
40	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.40.20
	-1	--	--	EMULATE	--	--	--	40	0	8.40.30
	0	--	--	EMULATE	--	--	--	70	+1	8.40.40
50	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.50.00
60	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.30
	0	--	--	EMULATE	--	--	--	60	+1	8.60.40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.60.50
70	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.30
	0	--	--	EMULATE	--	--	--	70	+1	8.70.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.70.50
80	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.30
	0	--	--	EMULATE	--	--	--	80	+1	8.80.40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8.80.50

# FIG. 249

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
31	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	41	0	8. 31. 00
41	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 41. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 41. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 41. 20
	-1	--	--	EMULATE	--	--	--	41	0	8. 41. 30
	0	--	--	EMULATE	--	--	--	71	+1	8. 41. 40
51	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 51. 00
61	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 30
	0	--	--	EMULATE	--	--	--	61	+1	8. 61. 40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 61. 50
71	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 71. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 71. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 71. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 71. 30
	0	--	--	EMULATE	--	--	--	71	+1	8. 71. 40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 71. 50
81	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 81. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 81. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 81. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 81. 30
	0	--	--	EMULATE	--	--	--	81	+1	8. 81. 40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 81. 50

FIG. 250

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
22	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 22. 00
32	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	42	0	8. 32. 00
42	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 42. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 42. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 42. 20
	-1	--	--	EMULATE	--	--	--	42	0	8. 42. 30
	0	--	--	EMULATE	--	--	--	72	+1	8. 42. 40
52	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 52. 00
62	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 30
	0	--	--	EMULATE	--	--	--	62	+1	8. 62. 40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 62. 50
72	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 72. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 72. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 72. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 72. 30
	0	--	--	EMULATE	--	--	--	72	+1	8. 72. 40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 72. 50
82	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 82. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 82. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 82. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 82. 30
	0	--	--	EMULATE	--	--	--	82	+1	8. 82. 40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 82. 50

# FIG. 251

PRE - PROCESS				OPERATION	POST - PROCESS					PROCESS ID
ES	EP	RE-POSITION	RESTORE		BLOCK	SAVE	BID PROCESS	ES	EP	
33	--	--	--	REAL WTM	--	--	SBID←REAL BID WHEN (REAL BID)-(SBID)=3	43	0	8. 33. 00
43	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 43. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 43. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 43. 20
	-1	--	--	EMULATE	--	--	--	43	0	8. 43. 30
	0	--	--	EMULATE	--	--	--	73	+1	8. 43. 40
53	--	--	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 53. 00
63	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 30
	0	--	--	EMULATE	--	--	--	63	+1	8. 63. 40
	+1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 63. 50
73	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 73. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 73. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 73. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 73. 30
	0	--	--	EMULATE	--	--	--	73	+1	8. 73. 40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 73. 50
83	-4	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 83. 00
	-3	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 83. 10
	-2	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 83. 20
	-1	SBID+EP	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 83. 30
	0	--	--	EMULATE	--	--	--	83	+1	8. 83. 40
	+1	WTM	--	REAL WTM	--	--	SBID←REAL BID	10	--	8. 83. 50

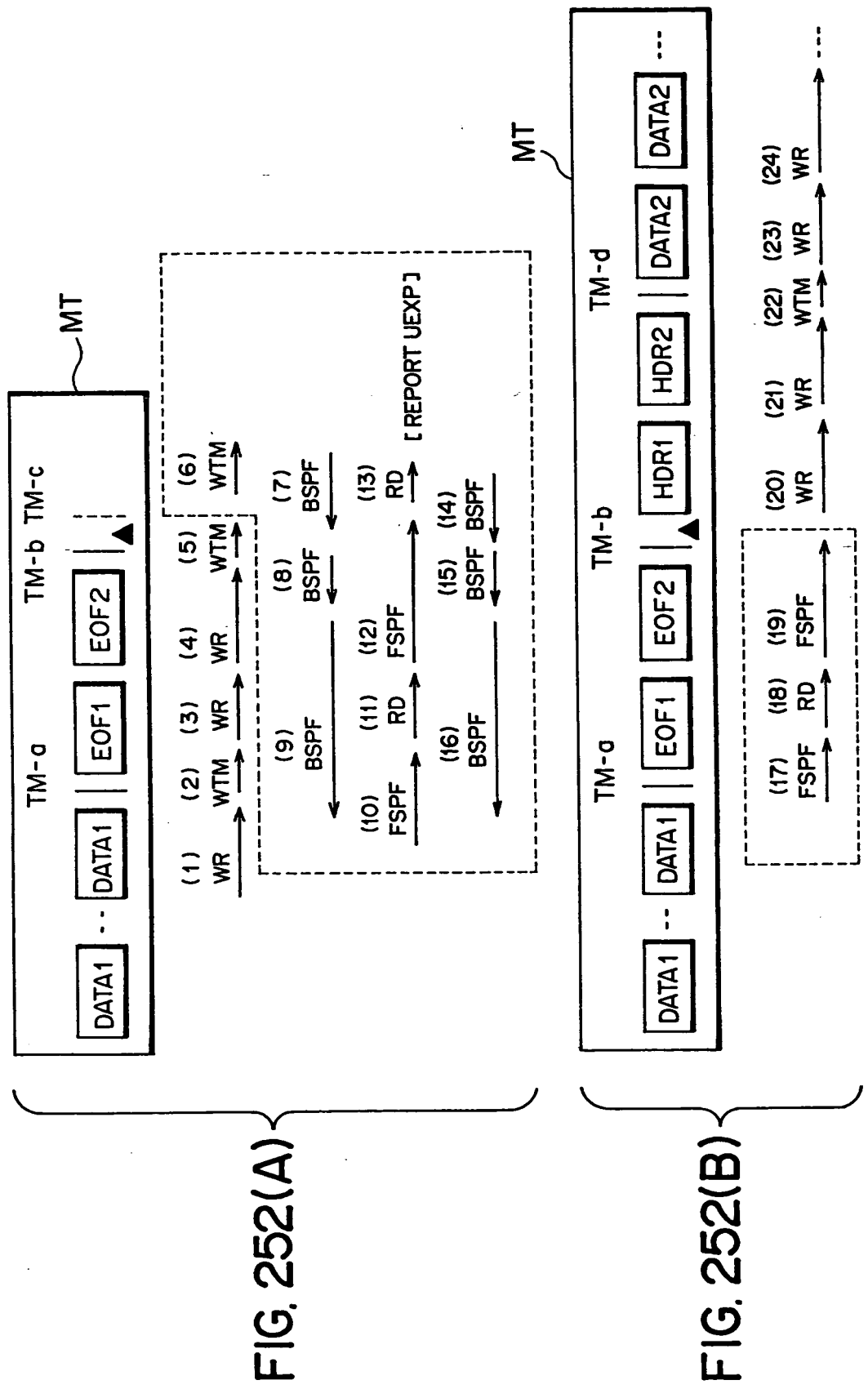




FIG. 253(A)

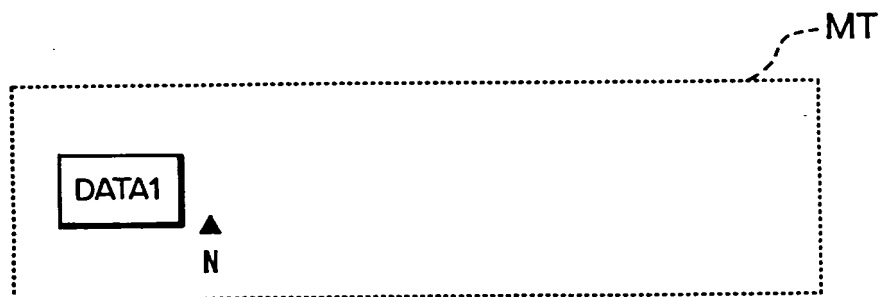


FIG. 253(B)

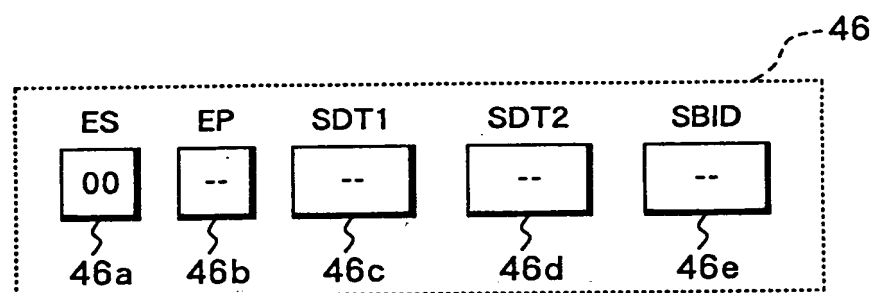


FIG. 254(A)

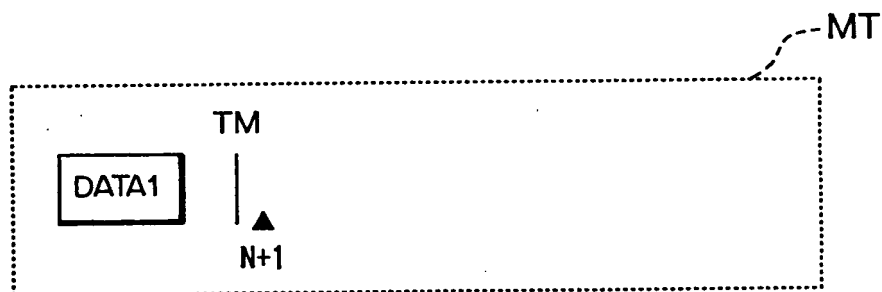


FIG. 254(B)

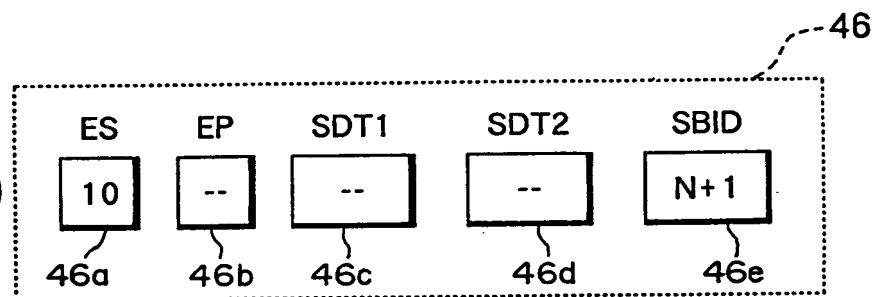


FIG. 255(A)

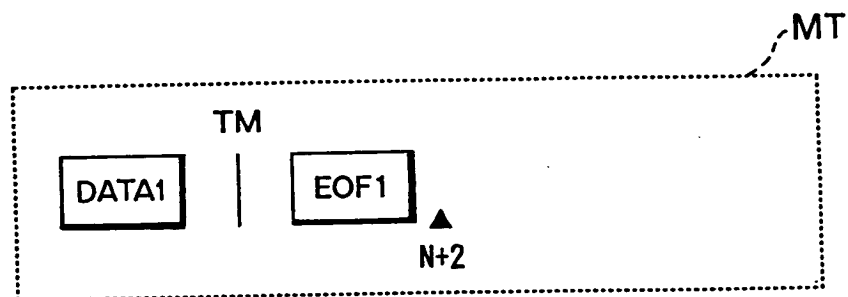


FIG. 255(B)

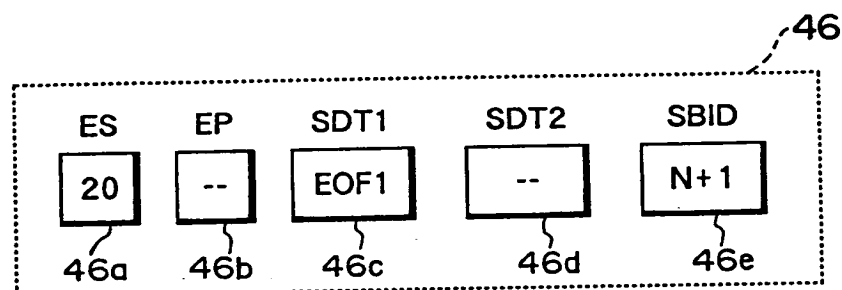


FIG. 256(A)

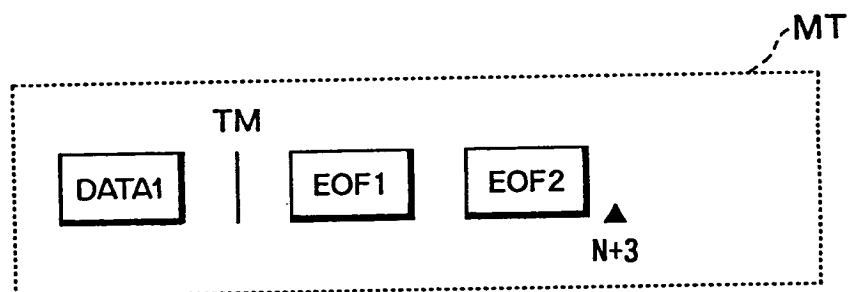
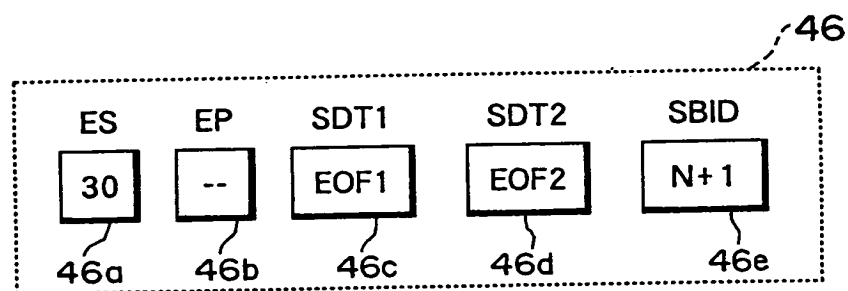


FIG. 256(B)



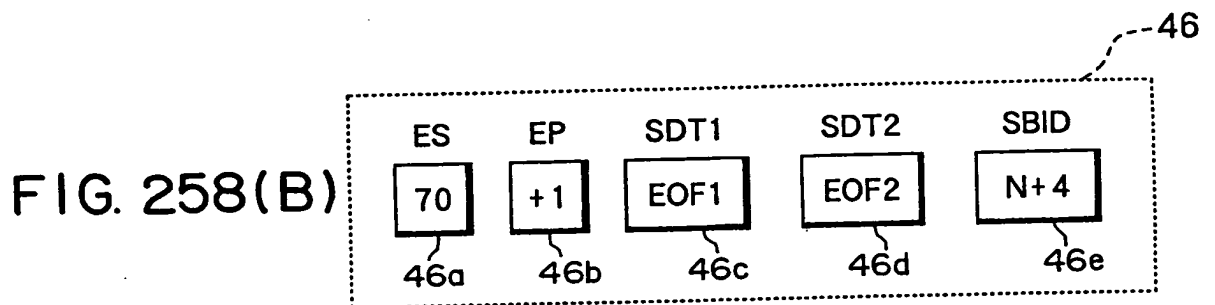
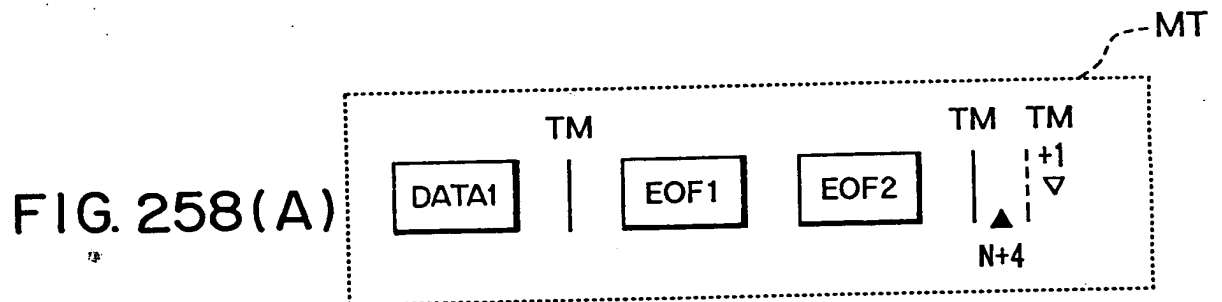
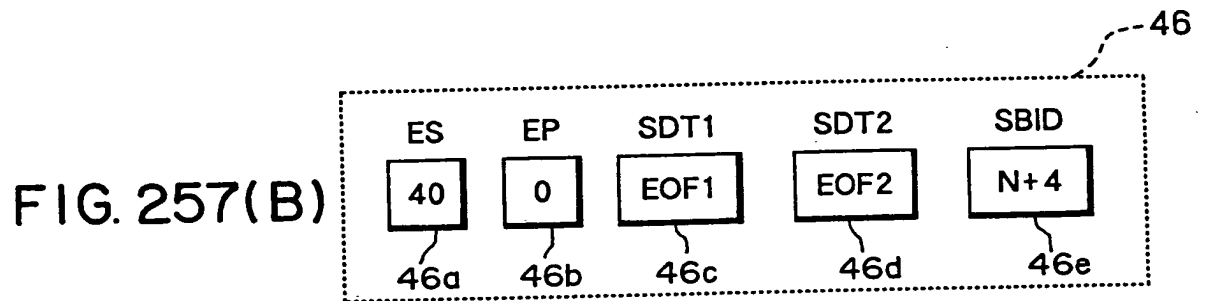
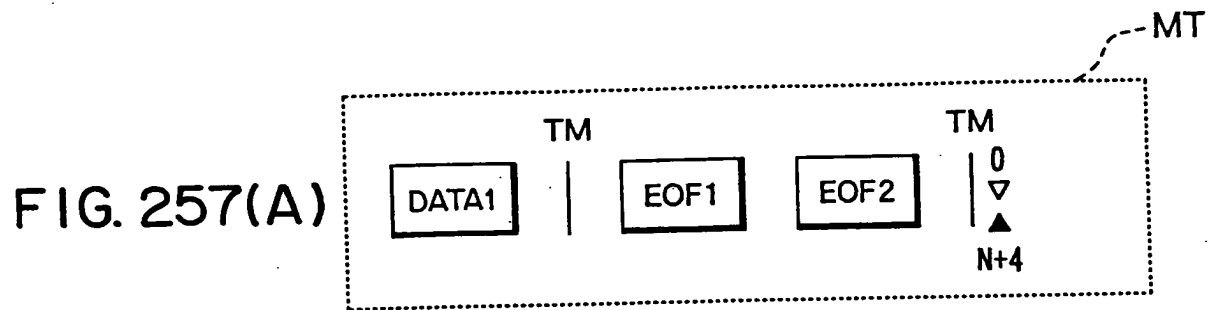


FIG. 259(A)

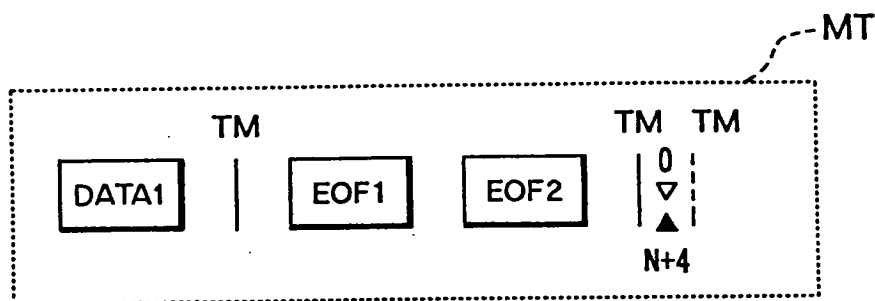


FIG. 259(B)

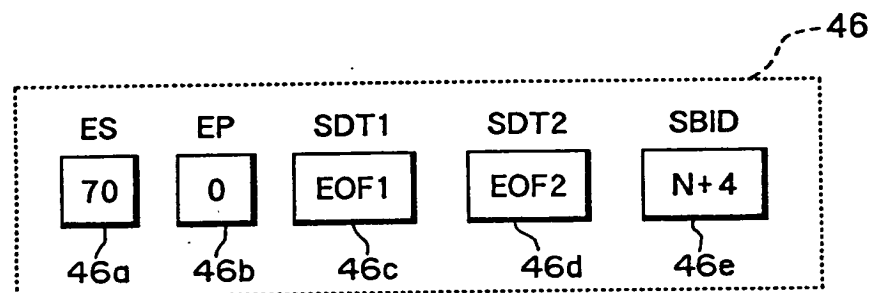


FIG. 260(A)

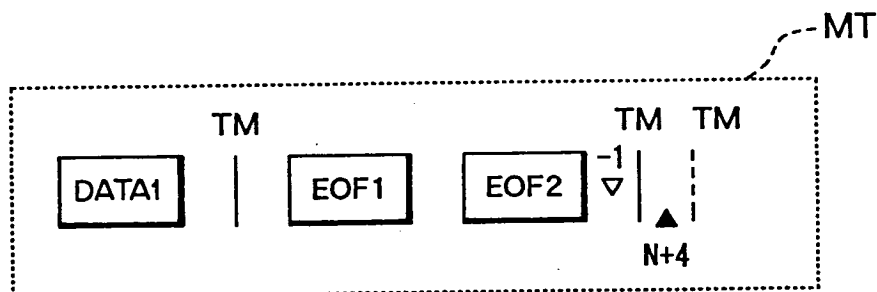


FIG. 260(B)

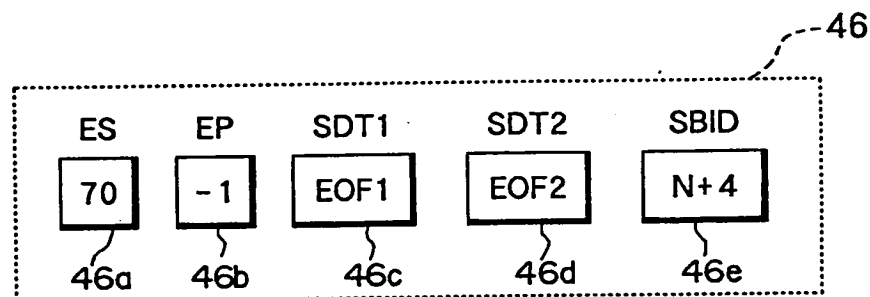


FIG. 261(A)

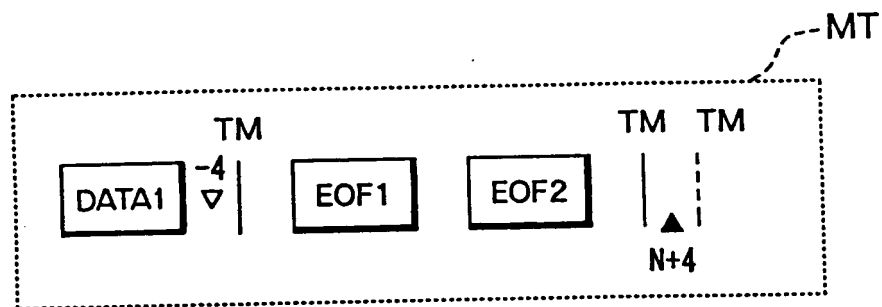


FIG. 261(B)

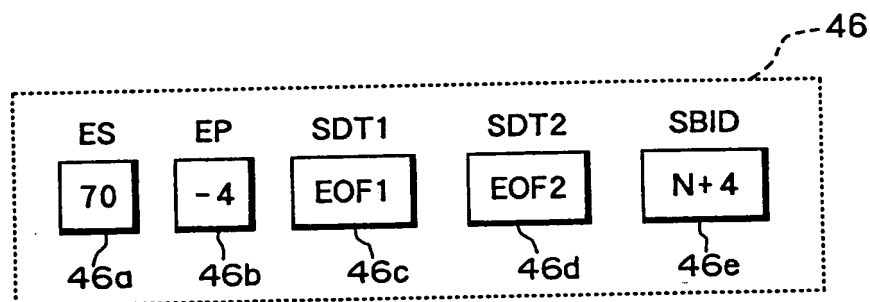


FIG. 262(A)

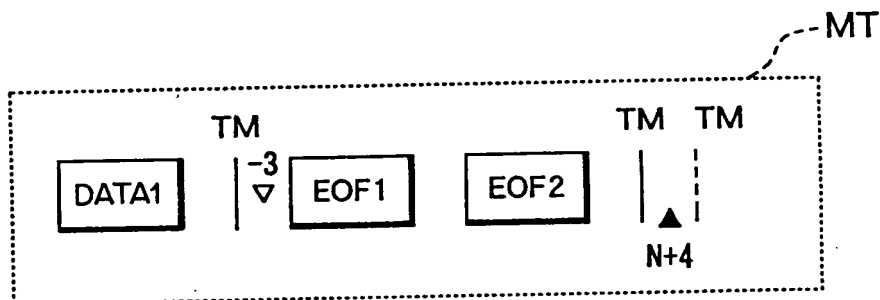
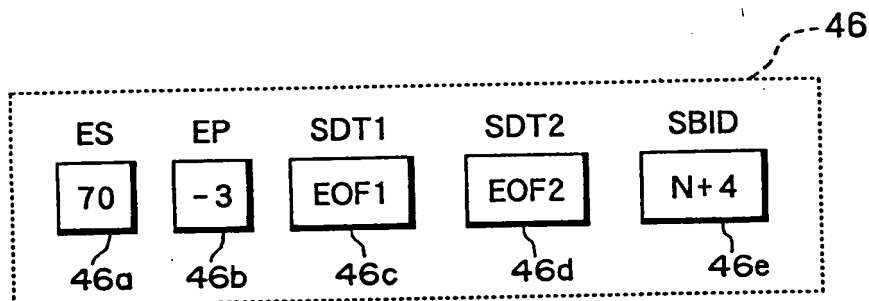


FIG. 262(B)



The diagram shows a memory layout within a dashed rectangular boundary. It contains four main components: a box labeled 'DATA1', a vertical line, a box labeled 'EOF1', a box labeled 'EOF2', another vertical line, and a box labeled 'DATA2'. Above the first vertical line is the label 'TM'. Above the 'EOF2' box is the label '-2' with a downward-pointing triangle symbol below it. Above the second vertical line is the label 'TM', and above the 'DATA2' box is the label 'TM'. Below the second vertical line is a solid upward-pointing triangle symbol, and below the 'DATA2' box is the label 'N+4'. A dashed line with an arrow points from the label 'MT' in the top right corner to the right edge of the dashed boundary.

Diagram illustrating the structure of a program counter 46, which is divided into five fields:

- ES**: Contains the value 70. Labeled 46a.
- EP**: Contains the value -2. Labeled 46b.
- SDT1**: Contains the value EOF1. Labeled 46c.
- SDT2**: Contains the value EOF2. Labeled 46d.
- SBID**: Contains the value N+4. Labeled 46e.

The entire structure is enclosed in a dashed box, with the label 46 pointing to the top right corner.

Diagram 46 shows a data structure with five fields: ES, EP, SDT1, SDT2, and SBID. Each field is represented by a box containing a value, with a label below it. ES contains 70 and is labeled 46a. EP contains 0 and is labeled 46b. SDT1 contains EOF1 and is labeled 46c. SDT2 contains EOF2 and is labeled 46d. SBID contains N+4 and is labeled 46e. A dashed line connects the label 46 to the top right corner of the structure.

FIG. 265(A)

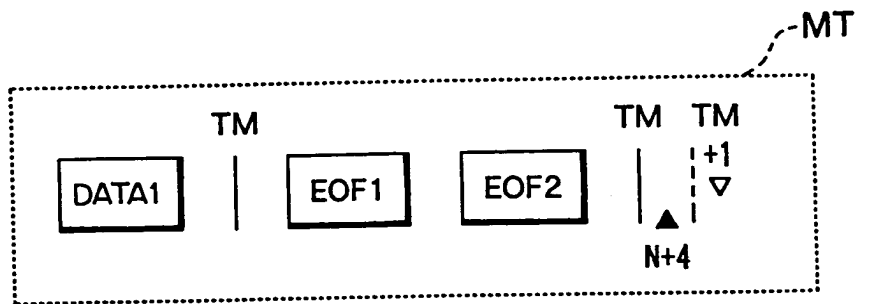


FIG. 265(B)

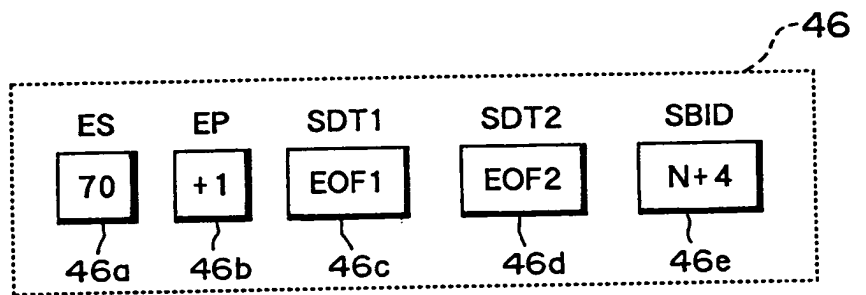


FIG. 266(A)

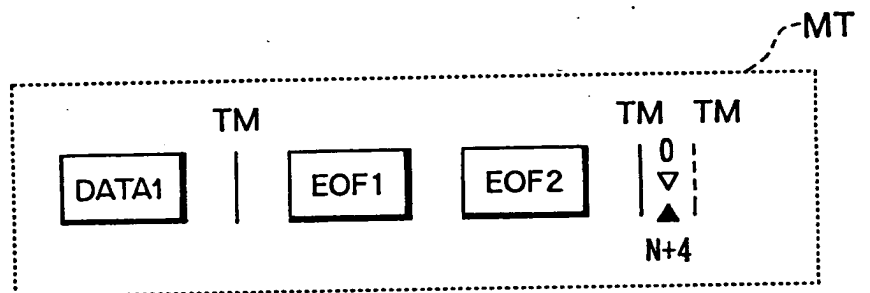


FIG. 266(B)

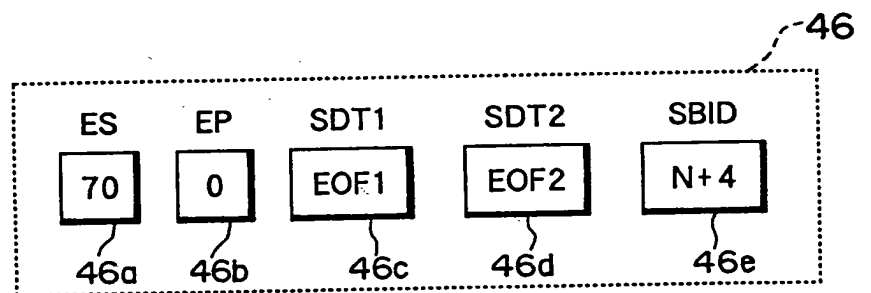


FIG. 267(A)

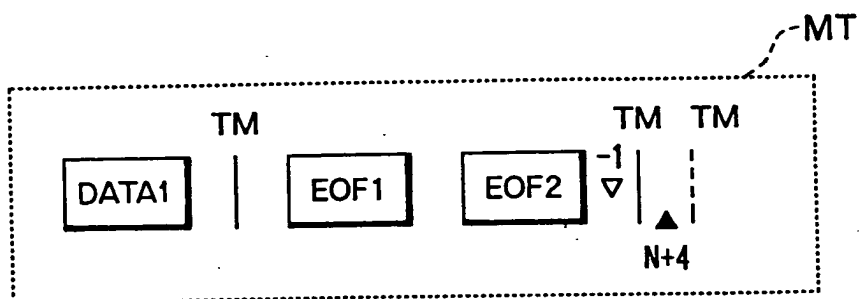


FIG. 267(B)

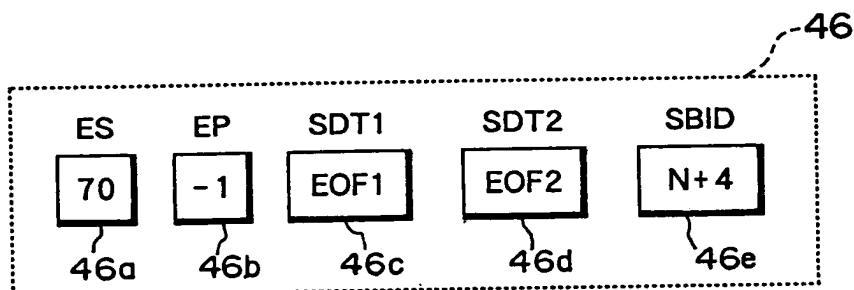


FIG. 268(A)

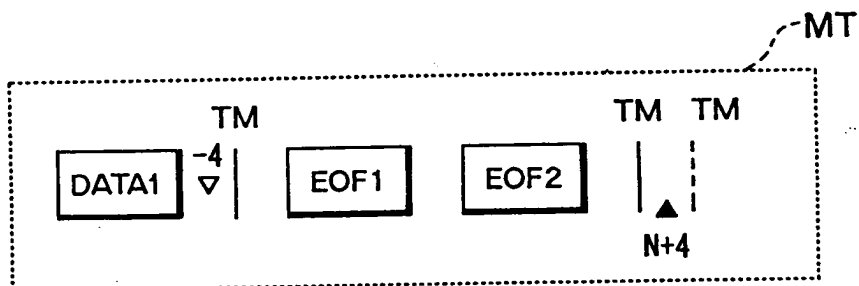


FIG. 268(B)

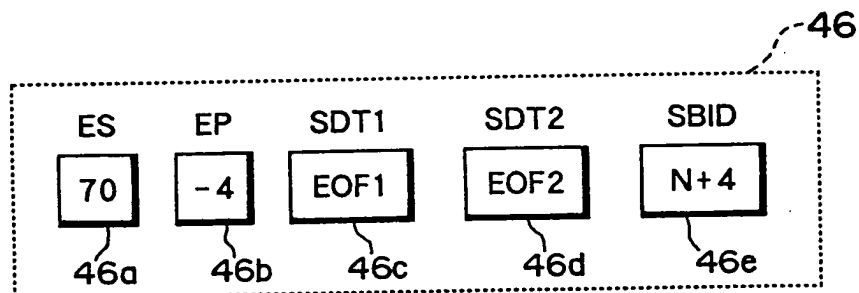




FIG. 269(A)

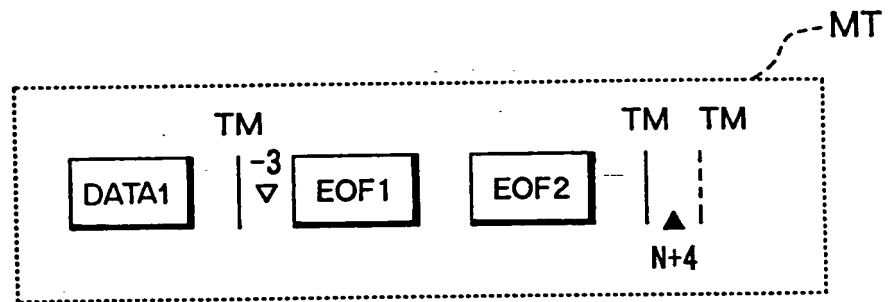


FIG. 269(B)

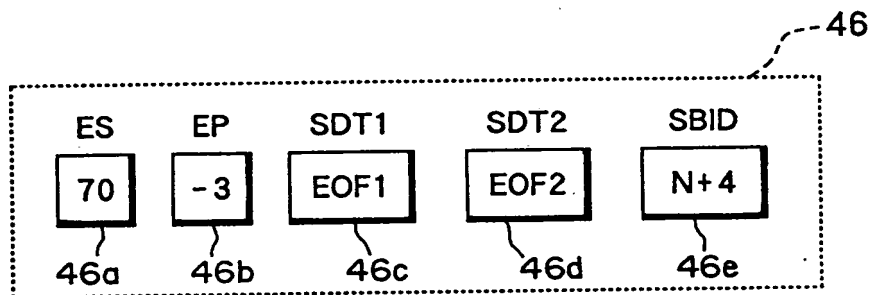


FIG. 270(A)

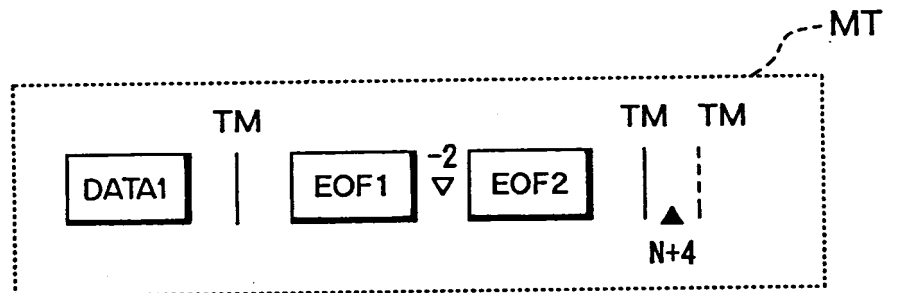


FIG. 270(B)

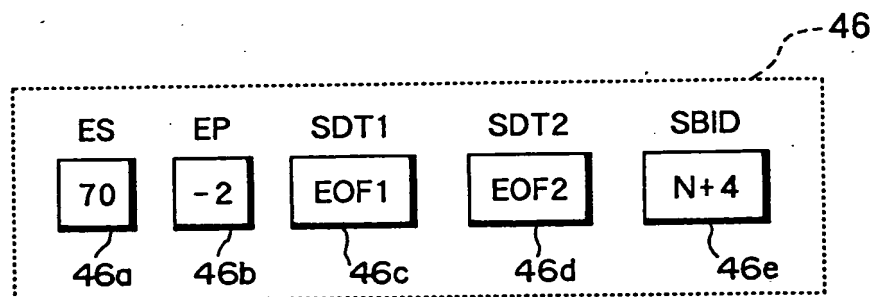


FIG. 271(A)

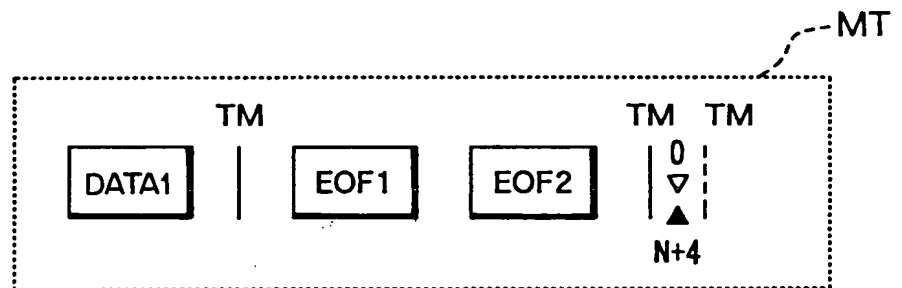
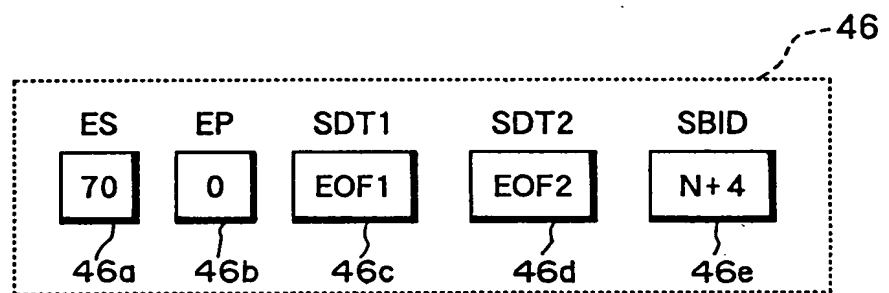


FIG. 271(B)



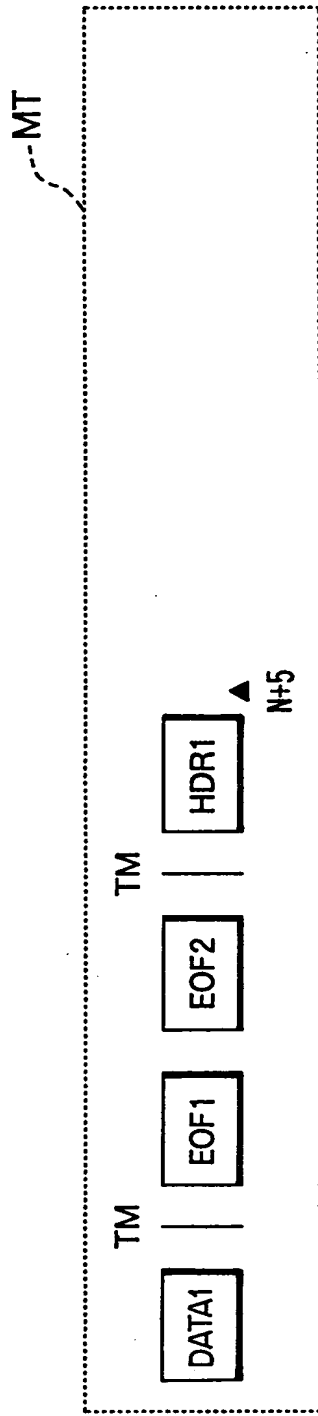


FIG. 272(A)

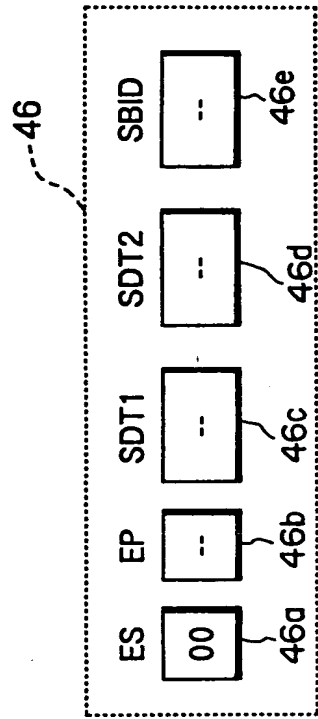


FIG. 272(B)

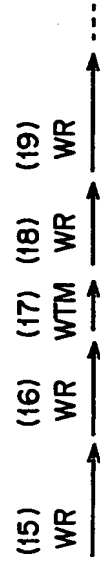
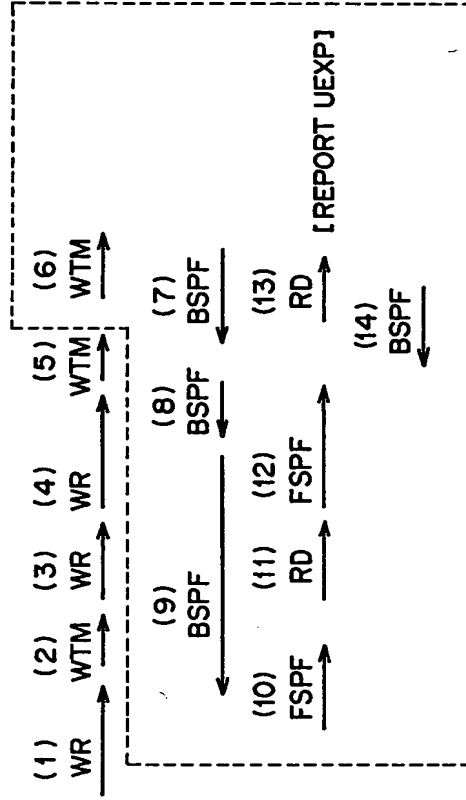
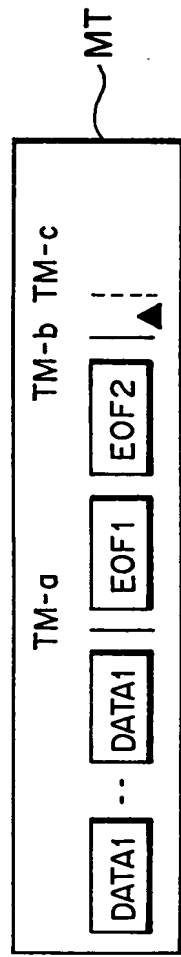


FIG. 273(A)

FIG. 273(B)

# FIG.274

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000731	0. 000731	(1)
WTM	0. 713581	0. 713581	(2)
WR	0. 003502	0. 003502	(3)
WR	0. 000641	0. 000641	(4)
WTM	0. 596851	0. 596851	(5)
WTM	0. 298012	0. 000500	(6)
BSPF	0. 460880	0. 000500	(7)
NOP	0. 000548	0. 000500	
LDSP	0. 000521	0. 000521	
LDSP	0. 000469	0. 000469	
LDSP	0. 000493	0. 000493	
NOP	0. 000524	0. 000524	
SNIO	0. 002945	0. 002945	
RDVC	0. 000580	0. 000580	
NOP	0. 000529	0. 000529	
SNS	0. 002731	0. 002731	
LDSP	0. 000420	0. 000420	
BSPF	0. 000583	0. 000500	(8)
BSPF	0. 291417	0. 000500	(9)
FSPF	0. 291342	0. 000500	(10)
RD	0. 531535	0. 000500	(11)
FSPF	1. 410659	0. 000500	(12)
RD	0. 581191	0. 000500	(13)
BSPF	0. 000606	0. 000500	(14)
BSPF	0. 455999	0. 000500	(15)
BSPF	0. 293099	0. 000500	(16)
FSPF	0. 290969	0. 000500	(17)
RD	0. 531411	0. 000500	(18)
FSPF	1. 414089	0. 000500	(19)
NOP	0. 290595	0. 000500	
WR	0. 000615	0. 000615	(20)
WR	0. 000615	0. 000615	(21)
WTM	0. 639278	0. 339278	(22)
WR	0. 003324	0. 003324	(23)
WR	0. 000641	0. 000641	(24)
TOTAL	9. 111926	1. 981191	SECOND

# FIG.275

COMMAND	WITHOUT EMULATION	WITH EMULATION	REMARKS
WR	0. 000700	0. 000700	(1)
WTM	0. 843145	0. 541334	(2)
WR	0. 011607	0. 011771	(3)
WR	0. 005543	0. 005291	(4)
WTM	0. 615312	0. 310921	(5)
WTM	0. 308603	0. 005847	(6)
BSPF	0. 482427	0. 005927	(7)
NOP	0. 003681	0. 003799	
LDSP	0. 006880	0. 006852	
LDSP	0. 006785	0. 006929	
NOP	0. 003463	0. 003419	
NOP	0. 003500	0. 003514	
SNS	0. 011085	0. 011727	
LDSP	0. 006662	0. 006966	
BSPF	0. 300570	0. 005836	(8)
BSPF	0. 305450	0. 005990	(9)
FSPF	0. 474757	0. 005934	(10)
RD	0. 097280	0. 008346	(11)
FSPF	0. 205869	0. 005892	(12)
RD	0. 306587	0. 004664	(13)
BSPF	0. 476655	0. 005798	(14)
LDSP	0. 006960	0. 006918	
WR	0. 004667	0. 004711	(15)
WR	0. 005425	0. 005041	(16)
WTM	1. 833579	0. 308303	(17)
WR	0. 003300	0. 003300	(18)
WR	0. 000600	0. 000600	(19)
TOTAL	6. 331092	1. 296330	SECOND

FIG. 276(A) LOGICAL IMAGE

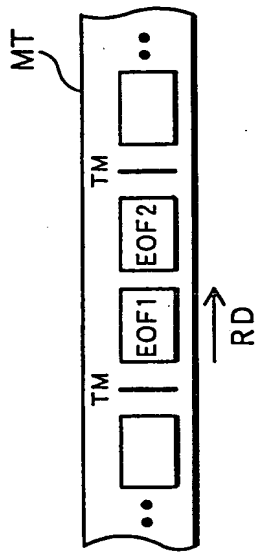


FIG. 276(B) PHYSICAL IMAGE

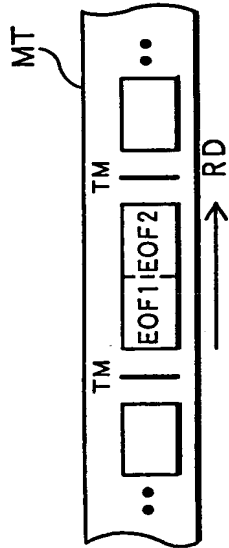


FIG. 276(C)

